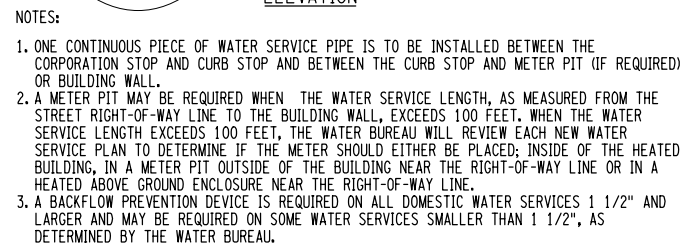
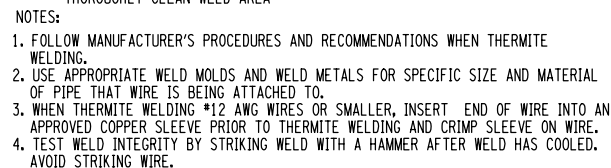


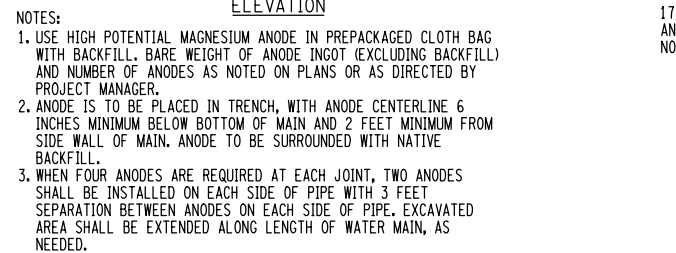
S966-1 REV. 12-28-10



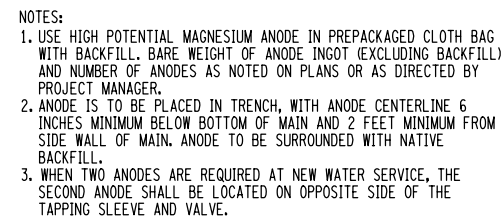
S970-1 REV. 7-13-11



S966-2 REV. 12-28-10

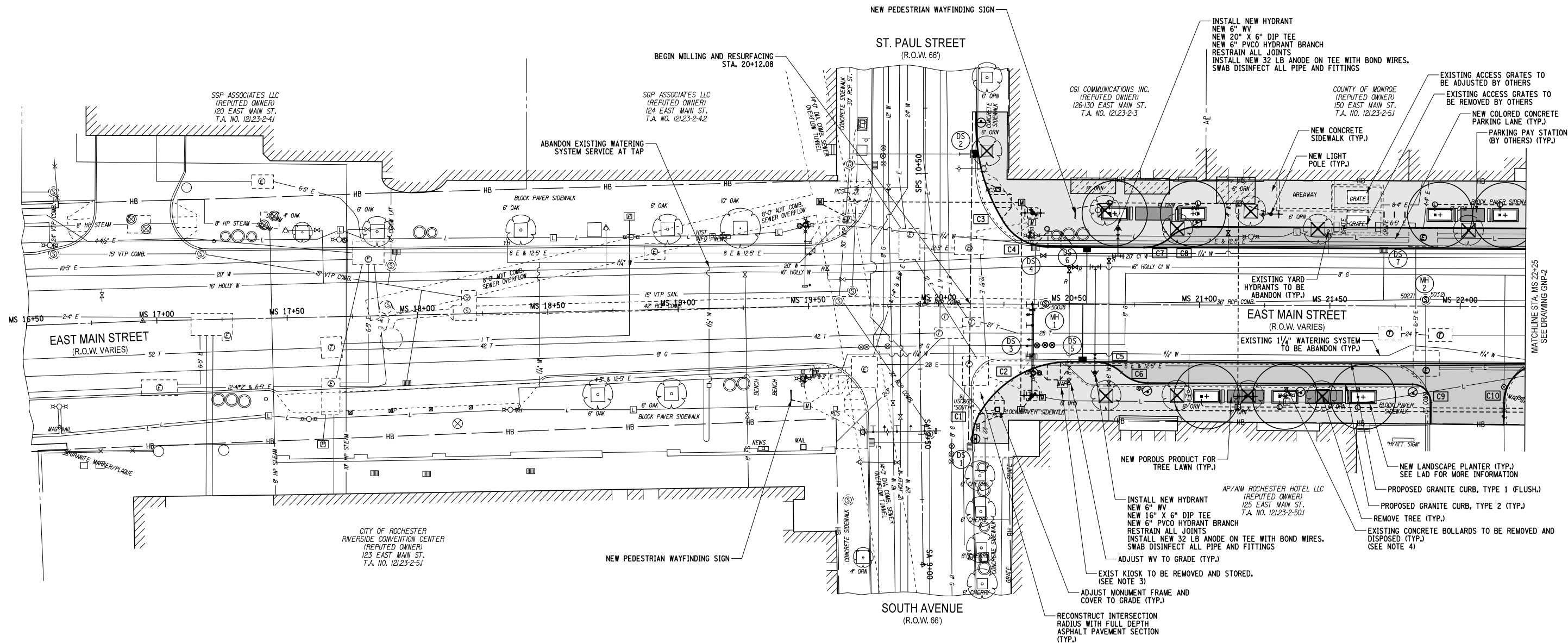


S966-5 REV. 12-28-10



S966-9 REV. 7-7-16

ORIGINAL SHEET • ANSWER HORI



GENERAL NOTES:

- EXISTING PLANTERS AND BENCHES WITHIN THE PROJECT LIMITS TO BE REMOVED BY OTHERS.
- CONTRACTOR SHALL COORDINATE THE RELOCATION OF EXISTING TRASH RECEPTACLES DURING CONSTRUCTION ACTIVITIES AND PHASING. COST TO BE INCLUDED IN THE VARIOUS CONTRACT ITEMS.
- WAYFINDING KIOSK SHALL BE REMOVED AND STORED FOR CITY OF ROCHESTER PICKUP. COST TO BE PAID FOR UNDER ITEM 615.02060224.
- EXISTING CONCRETE BOLLARDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. COST TO BE PAID FOR UNDER ITEM 615.02060324.

[C1]
R = 20.00'
L = 10.78'
P.C. SA 9+47.45, 19.57', RT.
P.R.C. SA 9+57.71, 22.41', RT.

[C2]
R = 40.0'
L = 42.1'
P.R.C. SA 9+57.71, 22.41', RT.
P.T. MS 20+50.36, 22.00', RT.

[C3]
R = 70.0'
L = 39.44'
P.C. SPS 10+68.57, 19.50', LT.
P.R.C. MS 20+25.00, 31.29', LT.

[C4]
R = 20.0'
L = 20.11'
P.R.C. MS 20+25.00, 31.29', LT.
P.T. MS 20+41.81, 22.00', RT.

[C5]
R = 15.0'
L = 11.21'
P.C. MS 20+59.91, 22.00', RT.
P.R.C. MS 20+70.07, 26.00', RT.

[C6]
R = 15.0'
L = 11.21'
P.R.C. MS 20+70.07, 26.00', RT.
P.T. MS 20+80.25, 30.00', RT.

[C7]
R = 15.0'
L = 11.21'
P.R.C. MS 20+78.70, 22.00', LT.
P.R.C. MS 20+88.93, 26.00', LT.

[C8]
R = 15.0'
L = 11.21'
P.R.C. MS 20+88.93, 26.00', LT.
P.T. MS 20+99.15, 30.00', LT.

[C9]
R = 7.0'
L = 11.00'
P.C. MS 21+81.76, 30.00', RT.
P.T. MS 21+89.06, 37.00', RT.

[C10]
R = 15.0'
L = 23.6'
P.C. MS 22+16.74, 37.00', RT.
P.T. MS 22+31.90, 22.00', RT.

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Client/Project

CITY OF ROCHESTER

MAIN STREET STREETScape AND
PEDESTRIAN WAYFINDING
P.I.N. 4755.91 D034908 PC 15323

ROCHESTER, NEW YORK

File Name: GNP-01.DGN

SAR SWM KRS 16.12.05
Dwn. Chkd. Dsgn. YY.MM.DD

Title

GENERAL PLAN
MAIN STREET

Project No.
192500343

Scale
1' = 20'

Drawing No.

Sheet

Revision

GNP-1

42 of 127

0

1. EXISTING PLANTERS AND BENCHES WITHIN THE PROJECT LIMITS TO BE REMOVED BY OTHERS.
2. CONTRACTOR SHALL COORDINATE THE RELOCATION OF EXISTING TRASH RECEPTACLES DURING CONSTRUCTION ACTIVITIES AND PHASING. COST TO BE INCLUDED IN THE VARIOUS CONTRACT ITEMS.
3. CONTRACTOR SHALL COORDINATE THE RELOCATION OF THE EXIST USPS POSTAL BOXES. COST TO BE INCLUDED IN THE VARIOUS CONTRACT ITEMS.
4. CONTRACTOR SHALL REMOVE THE EXISTING PHONE BOOTHS. CONTRACTOR TO COORDINATE WITH FRONTIER THE REMOVAL OF THE EXISTING PAY PHONE. COST TO BE INCLUDED IN THE VARIOUS CONTRACT ITEMS.



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[C33] R=15.0'
L=11.21'
P.C. MS 28+74.82, 30.00', LT.
P.R.C. MS 28+84.99, 26.00', LT.

[C34] R=15.0'
L=11.21'
P.R.C. MS 28+84.99, 26.00', LT.
P.T. MS 28+95.16, 22.00', LT.

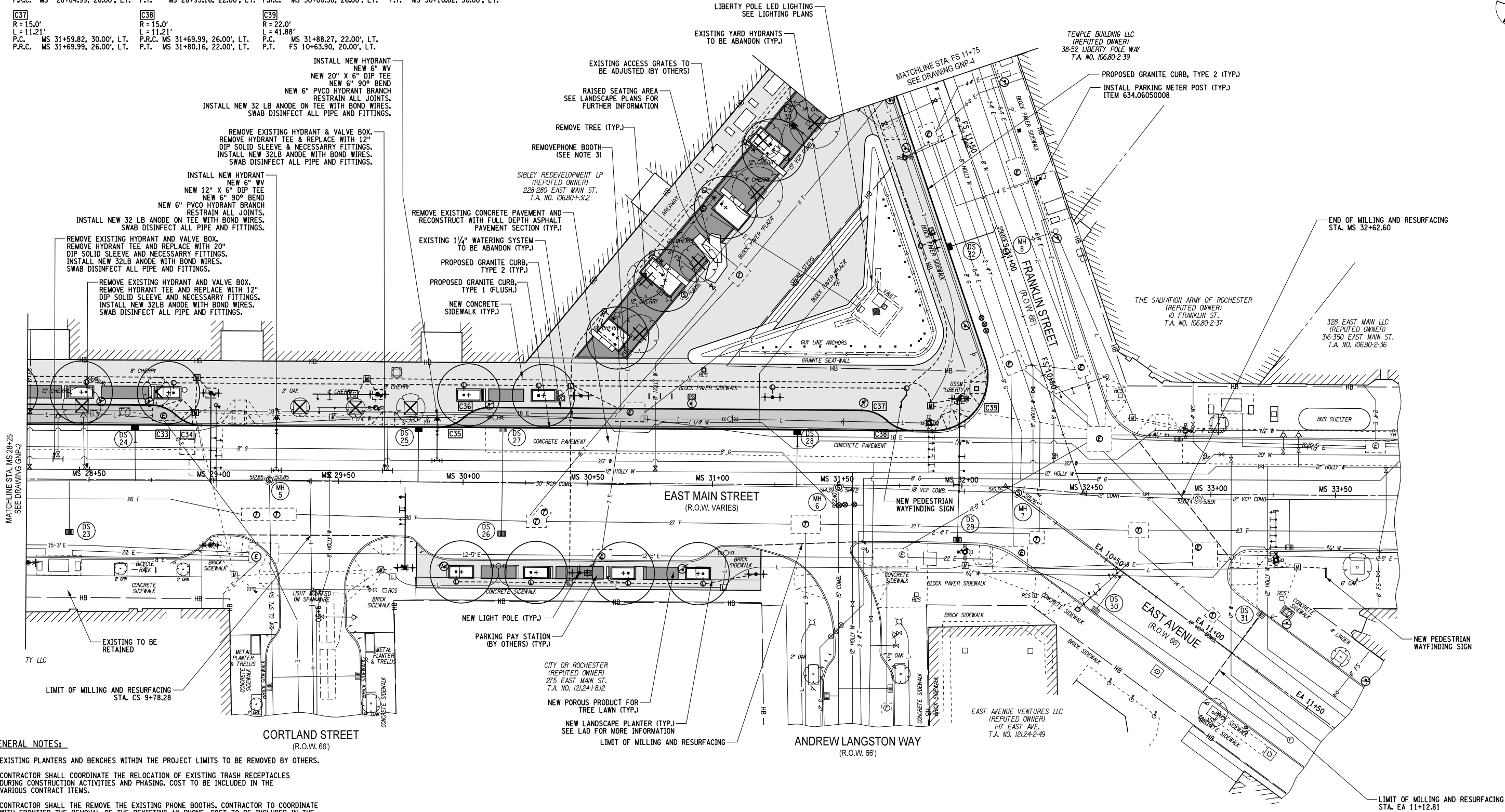
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P.R.C. MS 30+00.38, 26.00', LT.

[C36] R=15.0'
L=11.21'
P.R.C. MS 30+00.38, 26.00', LT.
P.T. MS 30+10.62, 30.00', LT.

[C37] R=15.0'
L=11.21'
P.C. MS 31+59.82, 30.00', LT.
P.R.C. MS 31+69.99, 26.00', LT.

[C38] R=15.0'
L=11.21'
P.R.C. MS 31+69.99, 26.00', LT.
P.T. MS 31+80.16, 22.00', LT.

[C39] R=22.0'
L=41.88'
P.C. MS 31+88.27, 22.00', LT.
P.T. FS 10+63.90, 20.00', LT.



GENERAL NOTES:

- EXISTING PLANTERS AND BENCHES WITHIN THE PROJECT LIMITS TO BE REMOVED BY OTHERS.
- CONTRACTOR SHALL COORDINATE THE RELOCATION OF EXISTING TRASH RECEPTACLES DURING CONSTRUCTION ACTIVITIES AND PHASING. COST TO BE INCLUDED IN THE VARIOUS CONTRACT ITEMS.
- CONTRACTOR SHALL REMOVE THE EXISTING PHONE BOOTHS. CONTRACTOR TO COORDINATE WITH FRONTIER THE REMOVAL OF THE EXISTING AY PHONE. COST TO BE INCLUDED IN THE VARIOUS CONTRACT ITEMS.

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Revision	By	Appd.	YY.MM.DD	Issued	By	Appd.	YY.MM.DD

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Client/Project

CITY OF ROCHESTER

MAIN STREET STREETSCAPE AND
PEDESTRIAN WAYFINDING
P.I.N. 4755.91 D034908 PC 15323

ROCHESTER, NEW YORK

File Name: GNP-08.DGN

SAR SWM KRS 16.12.05
Dwn. Chkd. Dgn. YY.MM.DD

Title

GENERAL PLAN
MAIN STREET

Project No.
192500343

Drawing No.

GNP-3

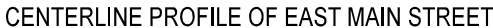
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Sheet

44 of 127

Revision

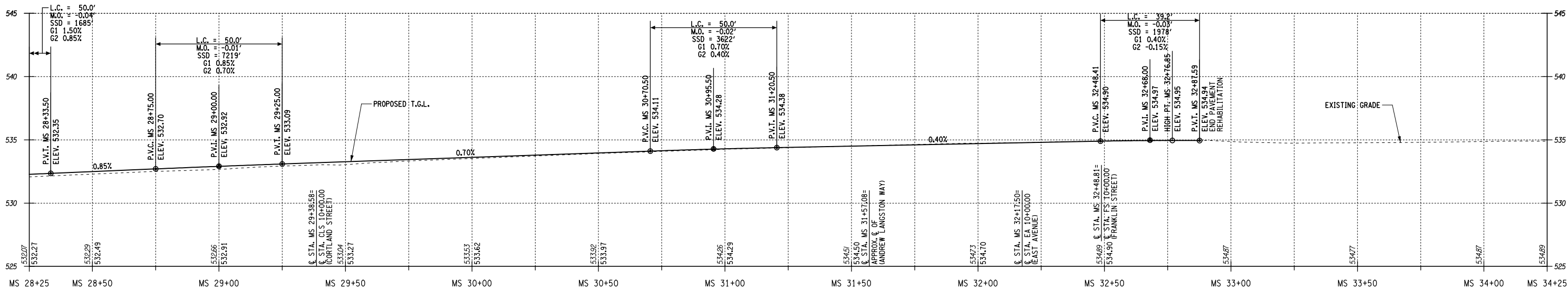
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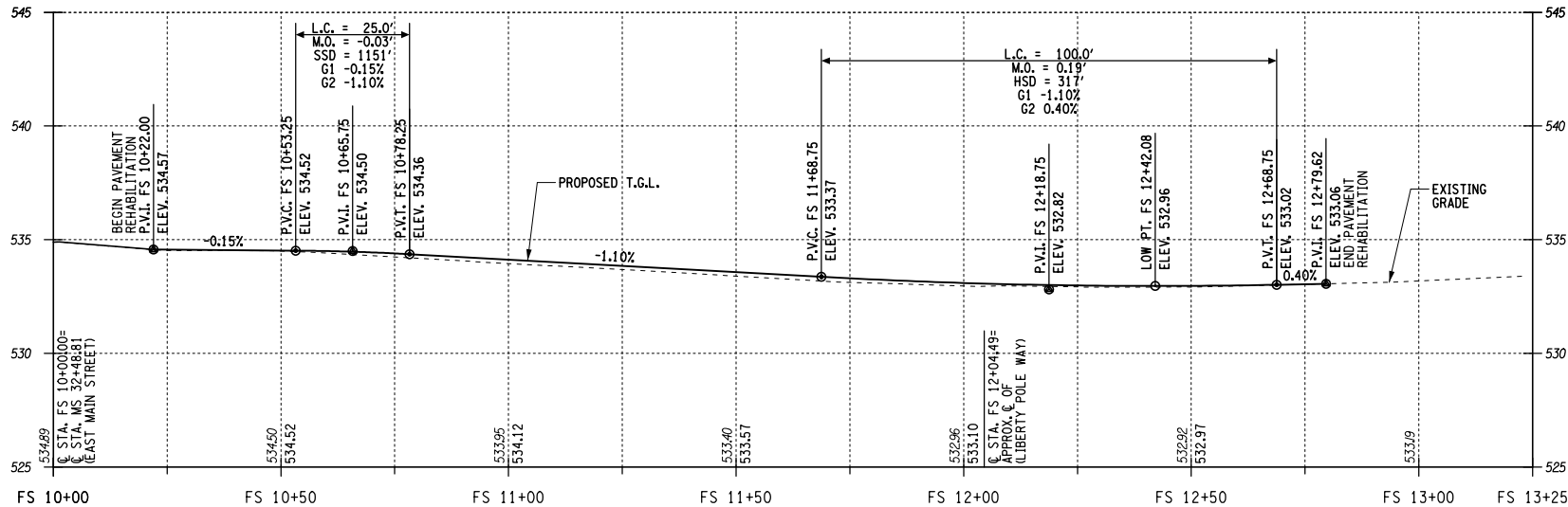
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CENTERLINE PROFILE OF EAST MAIN STREET



CENTERLINE PROFILE OF FRANKLIN STREET

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Revision	By	Appd.	YY.MM.DD

Issued	By	Appd.	YY.MM.DD

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CITY OF ROCHESTER

MAIN STREET STREETSCAPE AND
PEDESTRIAN WAYFINDING
P.I.N. 4755.91 D034908 PC 15323

ROCHESTER, NEW YORK

File Name: PRO-02.DGN

SWM

Dwn.

KRS

Chkd.

SWM

Dgn.

16.12.05

YY.MM.DD

Title

GENERAL ROADWAY PROFILE

Project No.
192500343

Scale
H: 1"=20'; V: 1"=4'

Drawing No.

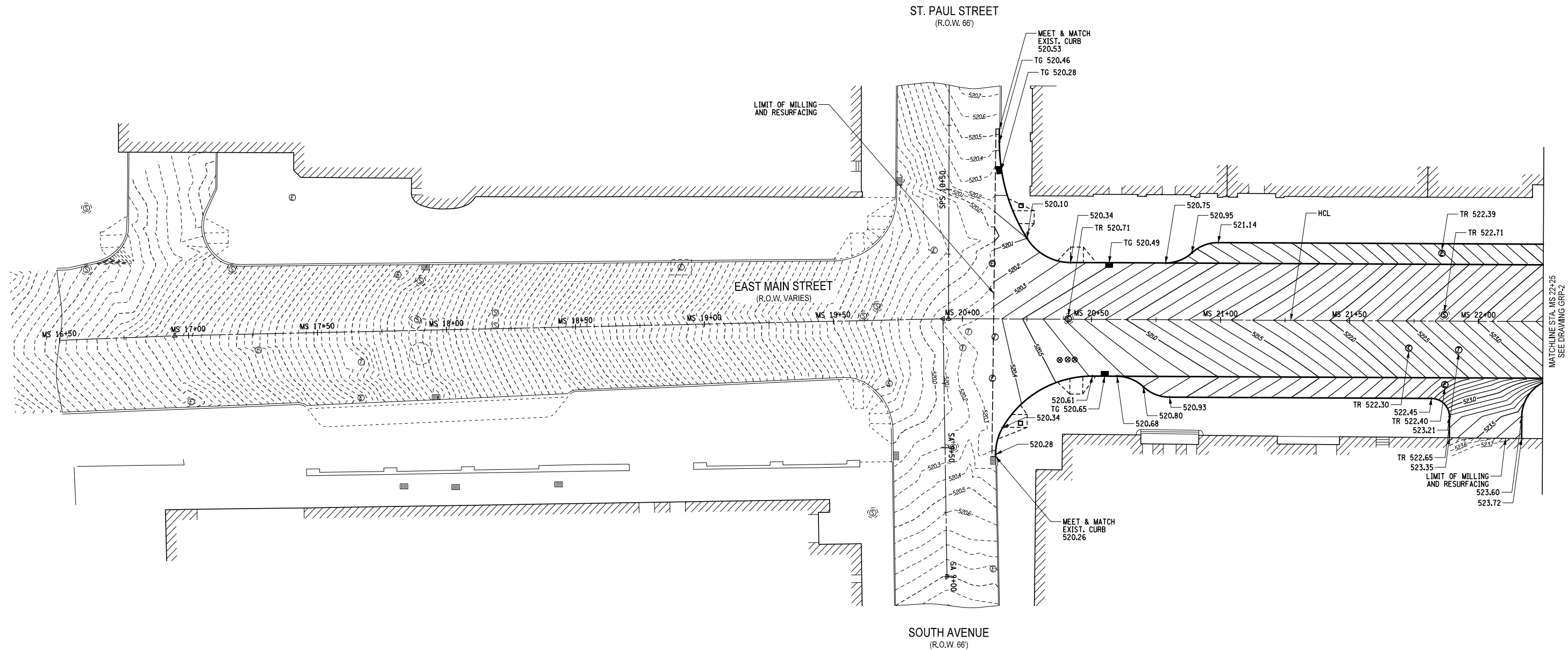
Sheet

Revision

PRO-2

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Revision	By	Appd.	YY.MM.DD

Issued	By	Appd.	YY.MM.DD

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Client/Project

CITY OF ROCHESTER
MAIN STREET STREETScape AND
PEDESTRIAN WAYFINDING
P.I.N. 4755.91 D034908 PC 15323
ROCHESTER, NEW YORK

File Name: GRP-01.DGN

SAR SWM KRS 16.12.05
Dwn. Chkd. Dsgn. YY.MM.DD

Title

GRADING PLAN
MAIN STREET

Project No.
192500343

Drawing No.

GRP-1

Scale

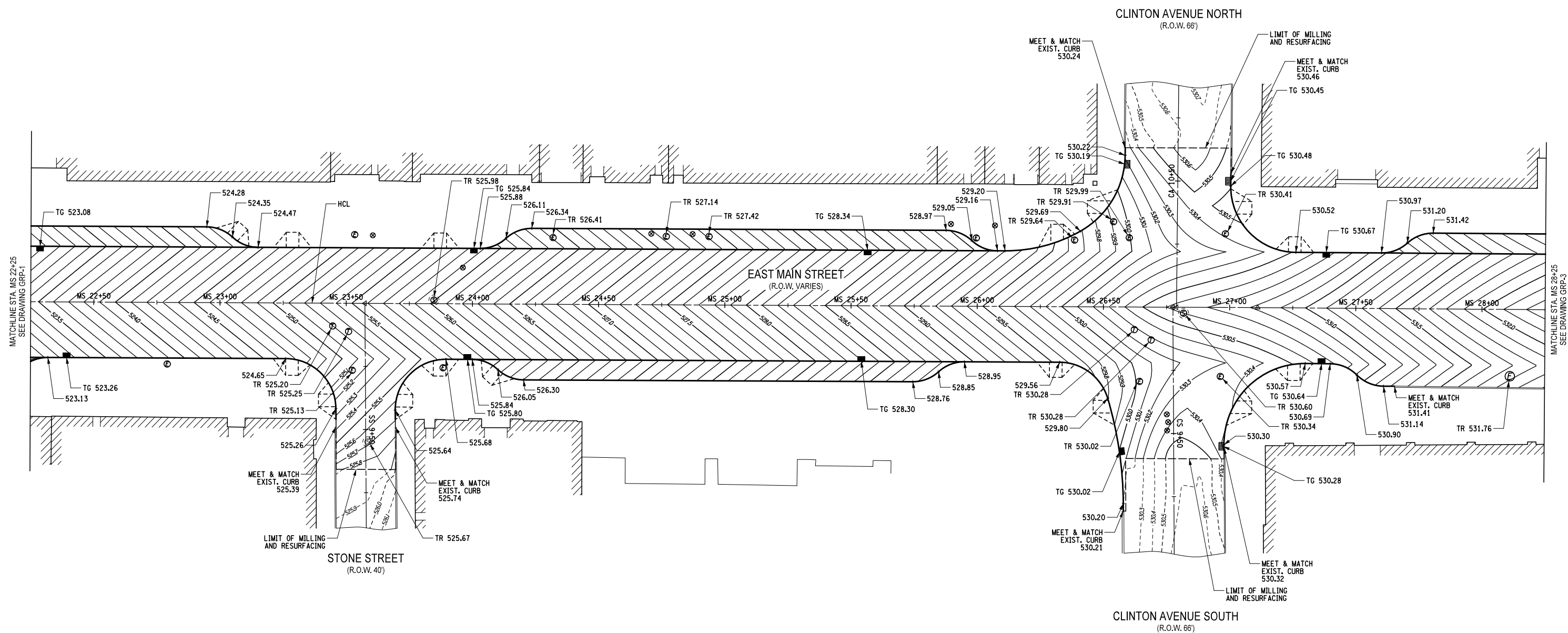
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Sheet

48 of 127

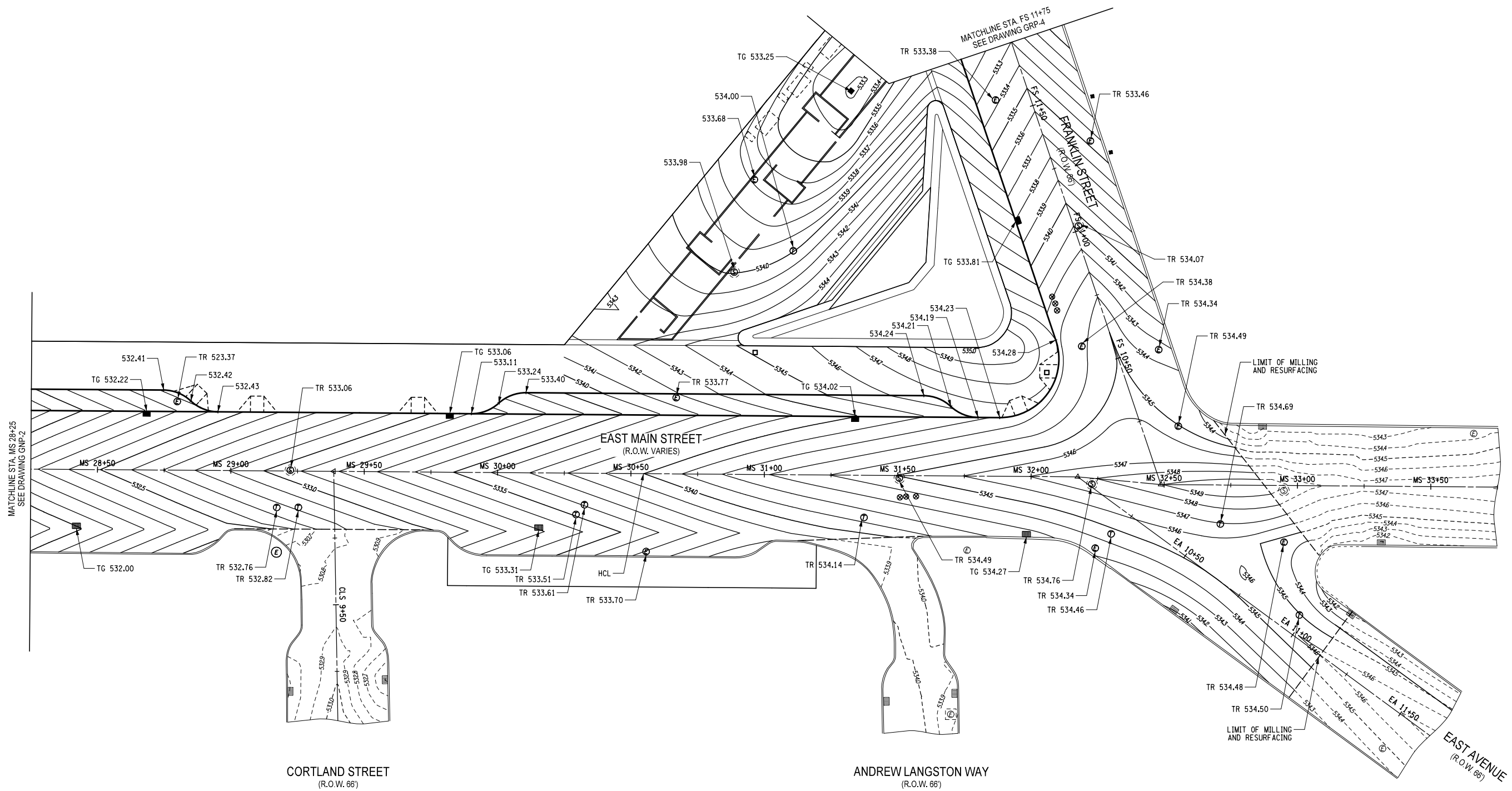
Revision

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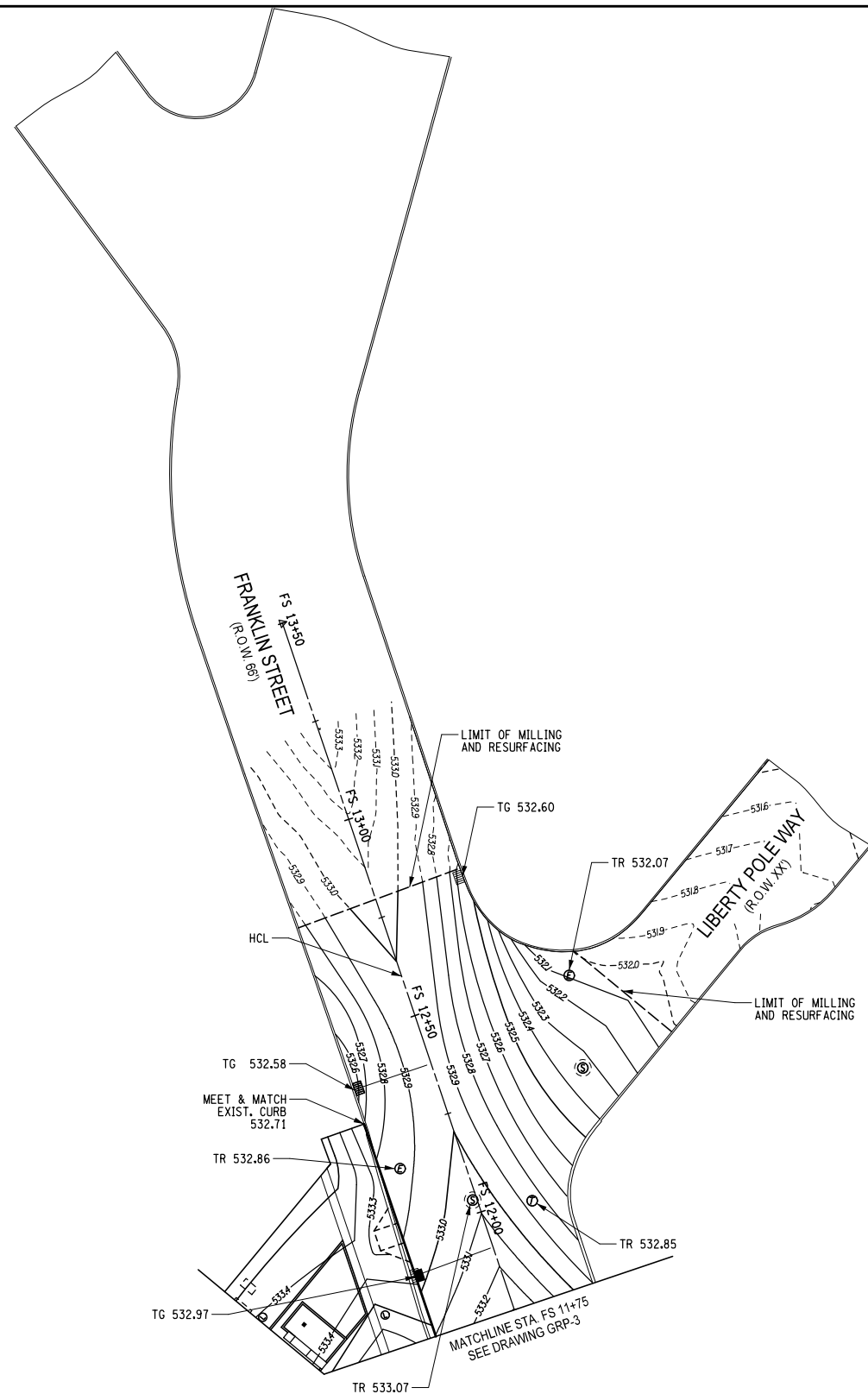


Revision _____	By _____	Appd. _____	YY.MM.DD
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GRP-3 50 of 127 0



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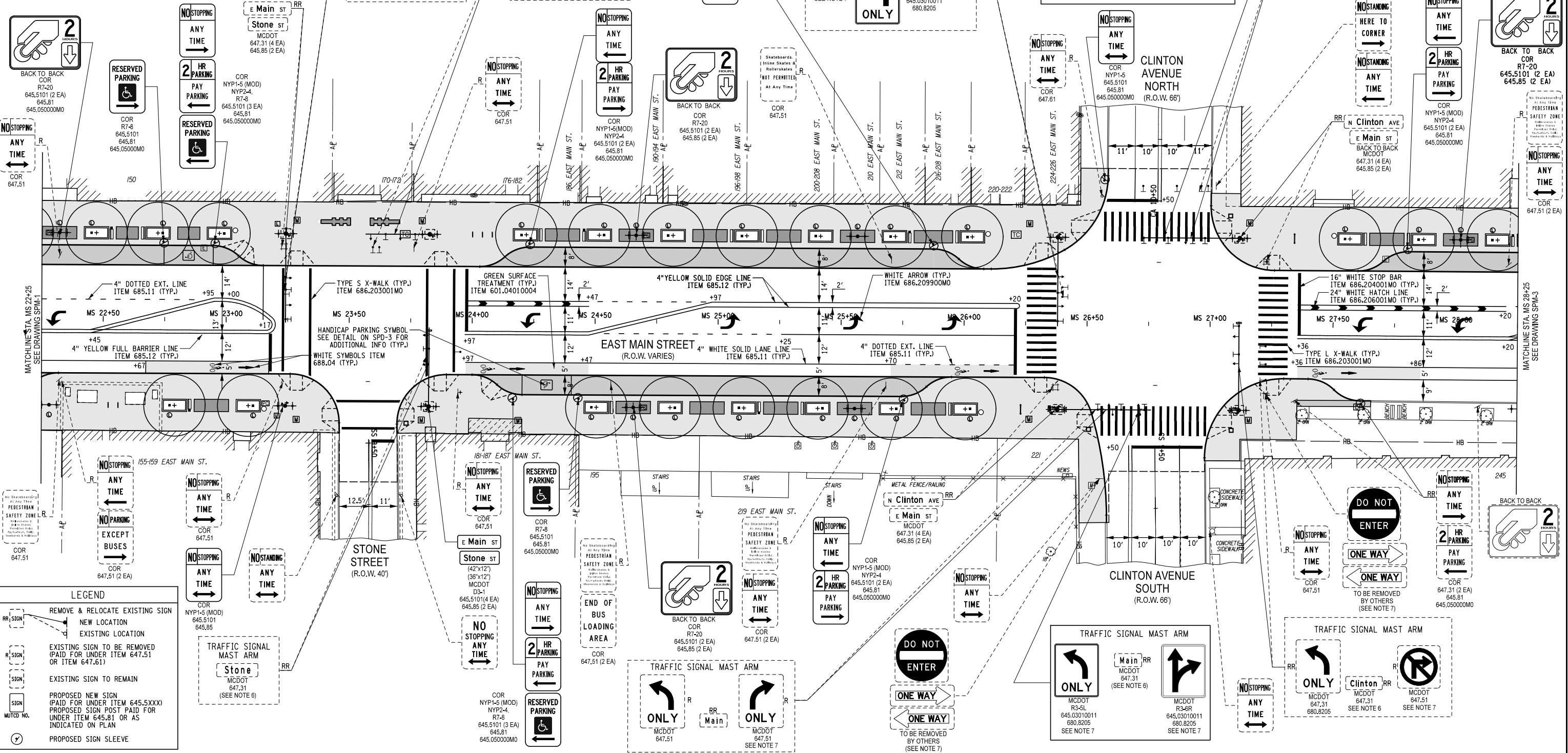
File Name: GRP-04.DGN

16.12.05

GRP-4

0

- SIGN NOTES:**
1. ALL STREET SIGNS SHALL HAVE THE FOLLOWING BACKGROUND COLOR:
CITY STREETS - BLUE BACKGROUND
 2. ALL GROUND MOUNTED REGULATORY (EXCLUDING PARKING) AND WARNING SIGNS SHALL BE FABRICATED USING ASTM TYPE III OR IX RETROREFLECTIVE SHEETING.
 3. ALL OVERHEAD MOUNTED SIGNS SHALL BE FABRICATED USING ASTM TYPE IX RETROREFLECTIVE SHEETING.
 4. ALL SIGN SLEEVES LOCATIONS MUST BE CONFIRMED BY MCDOT AT 585-753-7723 PRIOR TO INSTALLATION.
 5. REFER TO TSP FOR MAST ARM SIGN LOCATIONS.
 6. BRACKET MOUNTS TO BE INCLUDED IN THE PRICE BID FOR THE NEW OR RELOCATED SIGN PANEL.
 7. SIGNS REQUIRE THE IMPLEMENTATION OF THE TWO-WAY CONVERSION OF SOUTH CLINTON AVENUE. THE CONTRACTOR SHALL COORDINATE WITH THE CITY PRIOR TO REMOVAL AND INSTALLATION OF THESE SIGNS.



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Client/Project

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MAIN STREET STREETScape AND
PEDESTRIAN WAYFINDING
P.I.N. 4755.91 D034908 PC 15323
ROCHESTER, NEW YORK

File Name: SPM-02.DGN

RMW SWM KRS 16.12.05
Dwn. Chkd. Dgn. YY.MM.DD

Title

SIGNING AND PAVEMENT MARKING PLAN
MAIN STREET

Project No.
192500343

Drawing No.

SPM-2

Scale

1" = 20'

Sheet

53 of 127

Revision

0

LEGEND

REMOVE & RELOCATE EXISTING SIGN
NEW LOCATION
EXISTING LOCATION

EXISTING SIGN TO BE REMOVED
(PAID FOR UNDER ITEM 647.51
OR ITEM 647.61)

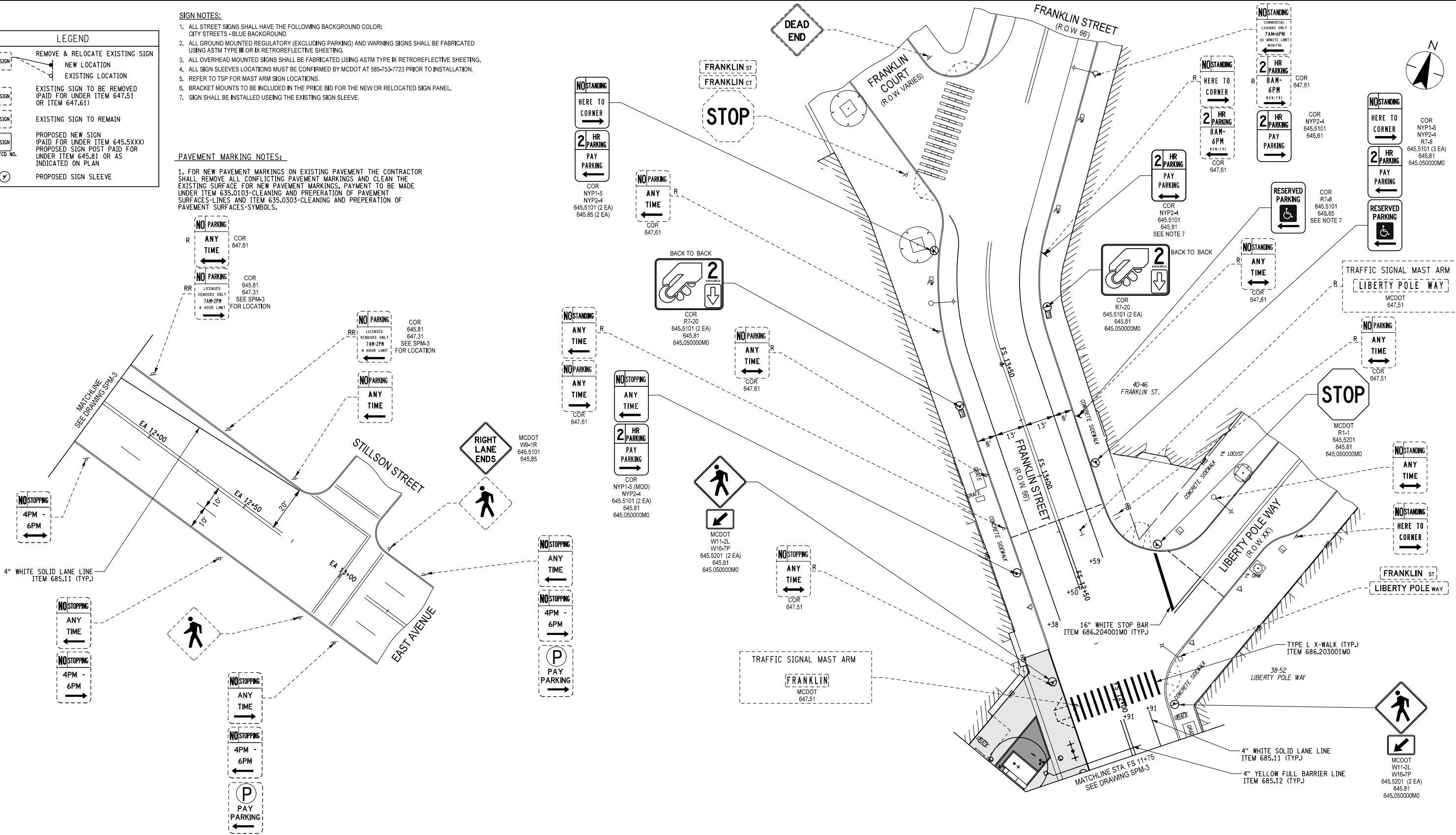
EXISTING SIGN TO REMAIN

PROPOSED NEW SIGN
(PAID FOR UNDER ITEM 645.5XXX)
PROPOSED SIGN POST PAID FOR
UNDER ITEM 645.81 OR AS
INDICATED ON PLAN

PROPOSED SIGN SLEEVE

- SIGN NOTES:
1. ALL STREET SIGNS SHALL HAVE THE FOLLOWING BACKGROUND COLOR:
CITY STREETS - BLUE BACKGROUND
 2. ALL GROUND MOUNTED REGULATORY (EXCLUDING PARKING) AND WARNING SIGNS SHALL BE FABRICATED USING ASTM TYPE III OR IX RETROREFLECTIVE SHEETING.
 3. ALL OVERHEAD MOUNTED SIGNS SHALL BE FABRICATED USING ASTM TYPE IX RETROREFLECTIVE SHEETING.
 4. ALL SIGN SLEEVES LOCATIONS MUST BE CONFIRMED BY MCDOT AT 585-753-7723 PRIOR TO INSTALLATION.
 5. REFER TO TSP FOR MAST ARM SIGN LOCATIONS.
 6. BRACKET MOUNTS TO BE INCLUDED IN THE PRICE BID FOR THE NEW OR RELOCATED SIGN PANEL.
 7. SIGN SHALL BE INSTALLED USING THE EXISTING SIGN SLEEVE.

- PAVEMENT MARKING NOTES:
1. FOR NEW PAVEMENT MARKINGS ON EXISTING PAVEMENT THE CONTRACTOR SHALL REMOVE ALL CONFLICTING PAVEMENT MARKINGS AND CLEAN THE EXISTING SURFACE FOR NEW PAVEMENT MARKINGS. PAYMENT TO BE MADE UNDER ITEM 635.0103-CLEANING AND PREPERATION OF PAVEMENT SURFACES-LINES AND ITEM 635.0303-CLEANING AND PREPERATION OF PAVEMENT SURFACES-SYMBOLS.



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Revision	By	Appd.	YY.MM.DD

Issued	By	Appd.	YY.MM.DD

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Client/Project

CITY OF ROCHESTER

MAIN STREET STREETSCAPE AND
PEDESTRIAN WAYFINDING
P.I.N. 4755.91 D034908 PC 15323

ROCHESTER, NEW YORK

File Name: SPM-04.DGN

RMW SWM KRS 16.12.05
Dwn. Chkd. Dgn. YY.MM.DD

Title

SIGNING AND PAVEMENT MARKING PLAN
FRANKLIN STREET

Project No.
192500343

Scale
1' = 20'

Drawing No.

Sheet

Revision

SPM-4

55 of 127

0

Design File: I:\192500343\Transportation\Design\Drawings\Plan Set\SP1-1.dgn
Date/Time: 11/29/2016 2:29:34 PM
Plotted By: kstefner


REGULATORY AND PARKING SIGNS																						
ITEM 645.03010011		HIGH-VISIBILITY OVERHEAD-MOUNTED SIGN PANELS												SQUARE FOOT								
ITEM 645.5101		GROUND-MOUNTED SIGN PANELS WITHOUT Z-BARS												SQUARE FOOT								
ITEM 645.5201		GROUND-MOUNTED SIGN PANELS WITHOUT Z-BARS HIGH VISIBILITY SHEETING												SQUARE FOOT								
ITEM 645.050000MO		SIGN SLEEVE												EACH								
ITEM 645.81		TYPE A SIGN POST												EACH								
ITEM 645.85		POLE MOUNTED SIGN SUPPORT SYSTEM (BAND MOUNTED)												EACH								
ITEM 647.31		RELOCATE SIGN PANEL, SIGN PANEL ASSEMBLY 1 (UNDER 30 SF)												EACH								
ITEM 647.51		REMOVE AND DISPOSE SIGN PANEL, SIGN PANEL ASSEMBLY 1 (UNDER 30 SF)												EACH								
ITEM 647.61		REMOVE AND DISPOSE SIGNS, GROUND MOUNTED TYPE A SIGN SUPPORTS AND FOUNDATIONS SIZE 1 (UNDER 30 SF)												EACH								
ITEM 680.8205		OVERHEAD SIGN ASSEMBLY, TYPE E												EACH								
ITEM		SIGN TYPE	SIGN PANEL					MOUNTING TYPE						RELOCATE		REMOVAL						
		MUTCD NUMBER	ITEM 645.03010011	ITEM 645.5101		ITEM 645.5201		ITEM 645.050000MO		ITEM 645.81		ITEM 645.85		ITEM 680.8205	ITEM 647.31		ITEM 647.51		ITEM 647.61			
FUNDING SHARE			MCDOT	MCDOT	COR	MCDOT	COR	MCDOT	COR	MCDOT	COR	MCDOT	COR	MCDOT	MCDOT	COR	MCDOT	COR	MCDOT	COR		
STATION / OFFSET		MAIN STREET																				
MS 20+14	RT	R6-1R		3				1		1							1					
MS 20+14	RT	R6-1L		3																		
MS 20+14	RT	NYP1-5			1.5																	
MS 20+15	RT	R6-1R																		1		
MS 20+15	RT	R6-1L																				
MS 20+15	RT	NYP1-5																				
MS 20+16	LT	R3-17						1		1				1								
MS 20+16	LT	R3-17AP													1							
MS 20+16	LT	NYP1-5														1						
MS 20+36	LT	D3-1										2			4							
MS 20+36	RT	D3-1															1					
MS 20+36	RT	R3-5L X2	15											2								
MS 20+36	RT	D3-1	10.8																			
MS 20+36	RT	D3-1	10																			
MS 20+36	RT	R3-17		5								1										
MS 20+36	RT	R3-17AP		2.5								1										
MS 20+36	RT	NYP1-5 (MOD)																1				
MS 20+36	RT	NYP1-2																1				
MS 20+80	RT	NYP1-5 (MOD)			1.5			1		1												
MS 20+80	RT	NYP1-2			1.5																	
MS 20+99	LT	NYP1-5 (MOD)			1.5				1			1										
MS 20+99	LT	NYP2-4			1.5																	
MS 21+20	LT	NYP1-5																		1		
MS 21+20	LT	R5-X																1				
MS 21+34	RT	NYP1-5																1				
MS 21+34	RI	NYP1-2																1				
MS 21+38	RT	NYP1-2			1.5			1		1												
MS 21+38	RT	NYP1-2			1.5																	
MS 21+82	RT	NYP1-5(MOD)			1.5				1			1										
MS 21+82	RT	NYP1-2			1.5																	
MS 22+32	RT	NYP1-5(MOD)																		1		
MS 22+32	RT	NYP1-5																1				
MS 22+32	RT	R5-X																1				
MS 22+32	LT	NYP1-5 (MOD)																1				
MS 22+32	LT	R7-20			6			1		1												
MS 22+74	LT	R7-8			1.5			1		1												
MS 22+95	LT	NYP1-5 (MOD)			1.5			1		1												
MS 22+95	LT	R7-8			1.5																	
MS 22+95	LT	NYP2-4			1.5																	
SUBTOTAL			35.8	13.5	25.5	0	0	2	7	2	7	4	0	2	6	1	2	10	0	1		

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Revision	By	Appd.	YY.MM.DD	Issued	By	Appd.	YY.MM.DD		

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Client/Project

CITY OF ROCHESTER

MAIN STREET STREETSCAPE AND
PEDESTRIAN WAYFINDING
P.I.N. 4755.91 D034908 PC 15323

ROCHESTER, NEW YORK

File Name: SPT-01.DGN

RMW Dwn. SWM Chkd. KRS Dsgn. 16.12.05 YY.MM.DD

Title

SIGNING AND PAVEMENT TABLES

Project No. 192500343

Scale N.T.S.

Drawing No.

Sheet

Revision

SPT-1

56 of 127

0

REGULATORY AND PARKING SIGNS

ITEM 645.0301C011	HIGH-VISIBILITY OVERHEAD-MOUNTED SIGN PANELS	SQUARE FOOT
ITEM 645.5101	GROUND-MOUNTED SIGN PANELS WITHOUT Z-BARS	SQUARE FOOT
ITEM 645.5201	GROUND-MOUNTED SIGN PANELS WITHOUT Z-BARS HIGH VISIBILITY SHEETING	SQUARE FOOT
ITEM 645.0500C0MO	SIGN SLEEVE	EACH
ITEM 645.81	TYPE A SIGN POST	EACH
ITEM 645.85	POLE MOUNTED SIGN SUPPORT SYSTEM (BAND MOUNTED)	EACH
ITEM 647.31	RELOCATE SIGN PANEL, SIGN PANEL ASSEMBLY 1 (UNDER 30 SF)	EACH
ITEM 647.51	REMOVE AND DISPOSE SIGN PANEL, SIGN PANEL ASSEMBLY 1 (UNDER 30 SF)	EACH
ITEM 647.61	REMOVE AND DISPOSE SIGNS, GROUND MOUNTED TYPE A SIGN SUPPORTS AND FOUNDATIONS SIZE 1 (UNDER 30 SF)	EACH
ITEM 680.8205	OVERHEAD SIGN ASSEMBLY, TYPE E	EACH

[illegible]

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[illegible]

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P.I.N. 4755.91 D034908 PC 15323

ROCHESTER, NEW YORK

File Name: SPT-02.DGN

RMW

SWM

KRS

16.12.05

Title

SIGNING AND PAVEMENT TABLES

Project No.
192500343

Scale

N.T.S.

Drawing No.

Sheet

Revision

SPT-2

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0

Design File: J:\192500343\Transportation\Design\Drawings\Plan Set\SP1-425.dgn
Date/Time: 11/29/2016 4:30:31 PM
Plotted By: kkleiner

REGULATORY AND PARKING SIGNS																				
ITEM 645.03010011		HIGH-VISIBILITY OVERHEAD-MOUNTED SIGN PANELS												SQUARE FOOT						
ITEM 645.5101		GROUND-MOUNTED SIGN PANELS WITHOUT Z-BARS												SQUARE FOOT						
ITEM 645.5201		GROUND-MOUNTED SIGN PANELS WITHOUT Z-BARS HIGH VISIBILITY SHEETING												SQUARE FOOT						
ITEM 645.050000MO		SIGN SLEEVE												EACH						
ITEM 645.81		TYPE A SIGN POST												EACH						
ITEM 645.85		POLE MOUNTED SIGN SUPPORT SYSTEM (BAND MOUNTED)												EACH						
ITEM 647.31		RELOCATE SIGN PANEL, SIGN PANEL ASSEMBLY 1 (UNDER 30 SF)												EACH						
ITEM 647.51		REMOVE AND DISPOSE SIGN PANEL, SIGN PANEL ASSEMBLY 1 (UNDER 30 SF)												EACH						
ITEM 647.61		REMOVE AND DISPOSE SIGNS, GROUND MOUNTED TYPE A SIGN SUPPORTS AND FOUNDATIONS SIZE 1 (UNDER 30 SF)												EACH						
ITEM 680.8205		OVERHEAD SIGN ASSEMBLY, TYPE E												EACH						
ITEM		SIGN TYPE	SIGN PANEL					MOUNTING TYPE						RELOCATE		REMOVAL				
		MUTCD NUMBER	ITEM 645.03010011	ITEM 645.5101		ITEM 645.5201		ITEM 645.050000MO		ITEM 645.81		ITEM 645.85		ITEM 680.8205	ITEM 647.31		ITEM 647.51		ITEM 647.61	
FUNDING SHARE			MCDOT	MCDOT	COR	MCDOT	COR	MCDOT	COR	MCDOT	COR	MCDOT	COR	MCDOT	MCDOT	COR	MCDOT	COR	MCDOT	COR
STATION / OFFSET		MAIN STREET																		
MS 26+88	LT	R3-5L	7.5											1			1			
MS 26+88	LT	R3-5a	7.5											1			1			
MS 26+88	LT	R3-6R	7.5											1			1			
MS 26+88	LI	D3-1													1					
MS 27+12	RT	D3-1										2			4					
MS 27+12	RT	R3-5L												1	1					
MS 27+12	LT	D3-1													1					
MS 27+12	RT	R3-1															1			
MS 27+23	RT	NYP1-5(MOD)																1		
MS 27+62	RT	NYP1-5(MOD)						1		1						1				
MS 27+62	RT	NYP2-4														1				
MS 27+80	LT	NYP1-5 (MOD)			1.5															
MS 27+80	LT	NYP2-4			1.5			1		1										
MS 28+01	LT	R7-20			6								2							
MS 28+21	LT	R5-X																1		
MS 28+21	LT	NYP1-5 (MOD)																1		
MS 28+54	LT	R7-8			1.5			1		1										
MS 28+74	LT	NYP1-5 (MOD)			1.5															
MS 28+54	LT	NYP2-4			1.5			1		1										
MS 28+74	LT	R7-8			1.5															
MS 28+99	LT	R3-5L	7.5											1						
MS 28+99	LT	D3-1													1					
MS 29+43	LT	D3-1													1					
MS 29+77	RT	D3-1													1					
MS 29+91	RT	NYP1-5 (MOD)						1		1						1				
MS 29+91	RT	NYP2-4														1				
MS 30+10	LT	NYP1-5 (MOD)			1.5			1		1										
MS 30+10	LT	NYP2-4			1.5															
MS 30+47	RT	R7-20											2			2				
MS 30+88	RT	NYP1-5 (MOD)						1		1						1				
MS 30+88	RT	NYP2-4														1				
MS 30+91	LT	R7-20			6			1		1										
MS 31+08	LT	NYP1-5 (MOD)																1		
MS 31+08	LT	R5-X																1		
MS 31+52	LT	R3-2													1					
MS 31+60	LT	NYP1-5 (MOD)			1.5			1		1										
MS 31+60	LT	NYP2-4			1.5															
MS 31+87	LT	D3-1										2			4		2			
MS 31+87	LT	R3-2															1			
SUBTOTAL			30	0	27	0	0	0	9	0	9	4	4	5	15	8	7	5	0	0

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Revision	By	Appd.	YY.MM.DD	Issued	By	Appd.	YY.MM.DD		

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Client/Project

CITY OF ROCHESTER

MAIN STREET STREETSCAPE AND
PEDESTRIAN WAYFINDING
P.I.N. 4755.91 D034908 PC 15323

ROCHESTER, NEW YORK

File Name: SPT-03.DGN

RMW Dwn.

SWM Chkd.

KRS Dsgn.

16/12/05
YY.MM.DD

Title

SIGNING AND PAVEMENT TABLES

Project No.
192500343

Scale
N.T.S.

Drawing No.

Sheet

Revision

SPT-3

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0

REGULATORY AND PARKING SIGNS

ITEM 645.0301C011	HIGH-VISIBILITY OVERHEAD-MOUNTED SIGN PANELS	SQUARE FOOT
ITEM 645.5101	GROUND-MOUNTED SIGN PANELS WITHOUT Z-BARS	SQUARE FOOT
ITEM 645.5201	GROUND-MOUNTED SIGN PANELS WITHOUT Z-BARS HIGH VISIBILITY SHEETING	SQUARE FOOT
ITEM 645.0500C0MO	SIGN SLEEVE	EACH
ITEM 645.81	TYPE A SIGN POST	EACH
ITEM 645.85	POLE MOUNTED SIGN SUPPORT SYSTEM (BAND MOUNTED)	EACH
ITEM 647.31	RELOCATE SIGN PANEL, SIGN PANEL ASSEMBLY 1 (UNDER 30 SF)	EACH
ITEM 647.51	REMOVE AND DISPOSE SIGN PANEL, SIGN PANEL ASSEMBLY 1 (UNDER 30 SF)	EACH
ITEM 647.61	REMOVE AND DISPOSE SIGNS, GROUND MOUNTED TYPE A SIGN SUPPORTS AND FOUNDATIONS SIZE 1 (UNDER 30 SF)	EACH
ITEM 680.8205	OVERHEAD SIGN ASSEMBLY, TYPE E	EACH

[illegible]

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<div style="border-bottom: 1px solid black; margin-bottom: 5px;">Revision</div> <div style="display: flex; justify-content: space-between; border-top: 1px solid black; border-bottom: 1px solid black; margin-top: 5px;"> By Appd. YY.MM.DD </div>	<div style="border-bottom: 1px solid black; margin-bottom: 5px;">Issued</div> <div style="display: flex; justify-content: space-between; border-top: 1px solid black; border-bottom: 1px solid black; margin-top: 5px;"> By Appd. YY.MM.DD </div>
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P.I.N. 4755.91 D034908 PC 15323

ROCHESTER, NEW YORK

File Name: SPT-04.DGN

RMV

SWM

KRS

16.12.05

Title

SIGNING AND PAVEMENT TABLES

Project No.
192500343

Scale
N.T.S.

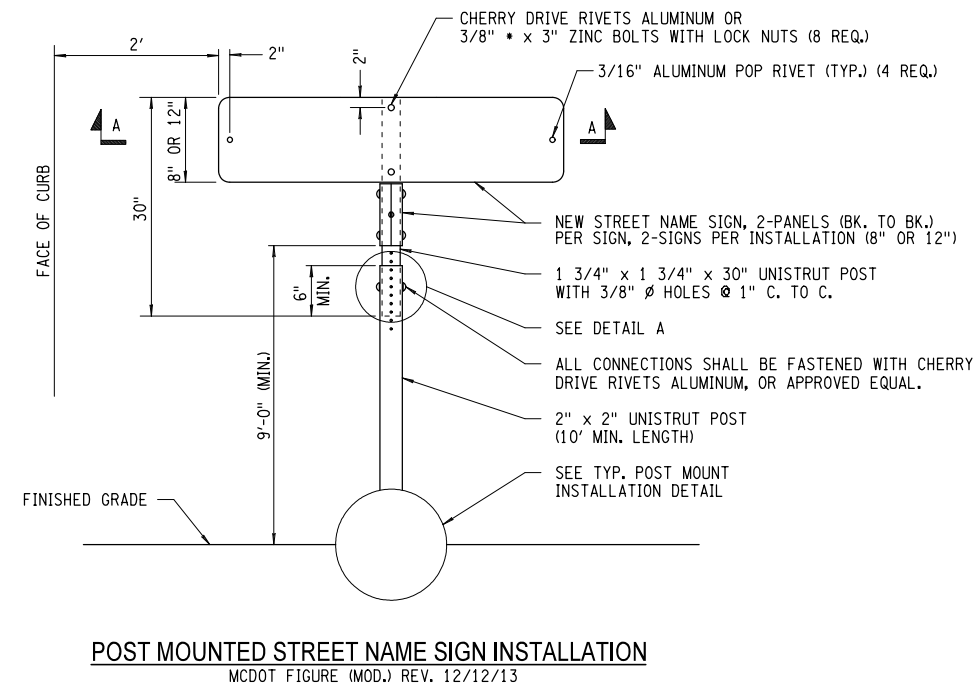
Drawing No.

Sheet	Revision
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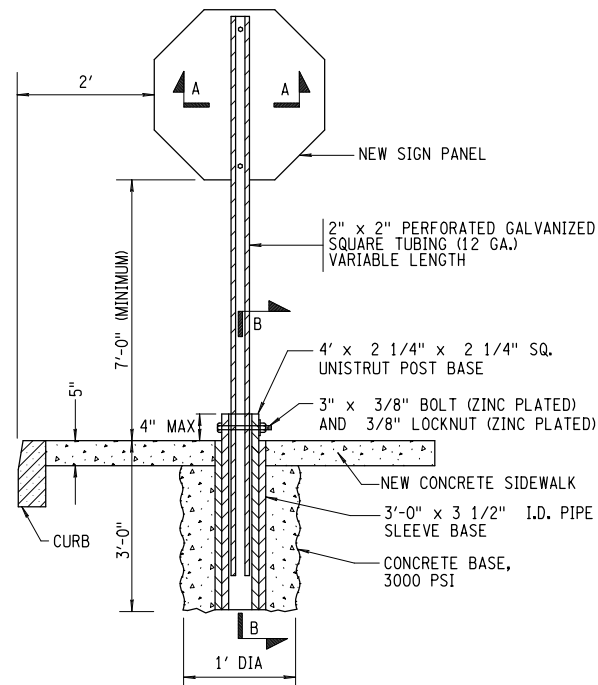
SPT-4

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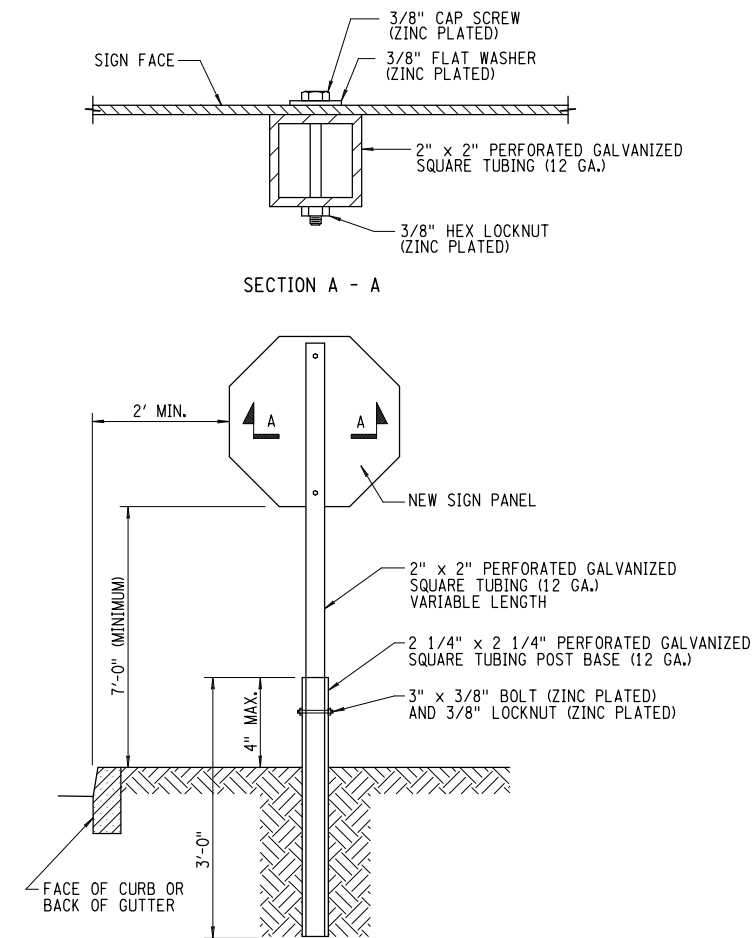
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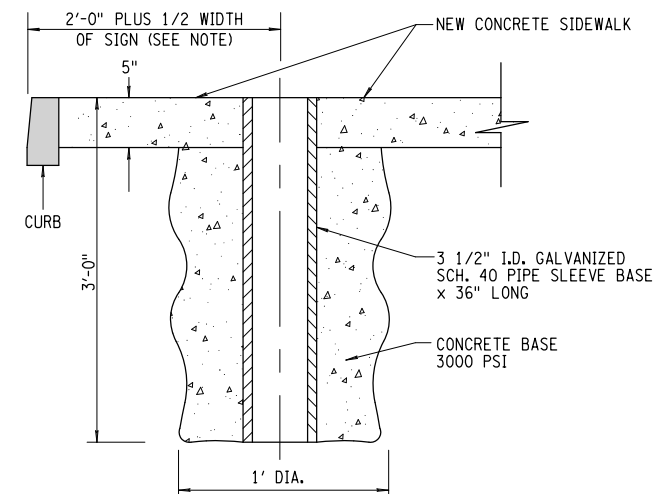
POST MOUNTED STREET NAME SIGN INSTALLATION
MCDOT FIGURE (MOD.) REV. 12/12/13



POST MOUNTED SIGN INSTALLATION IN CONCRETE
MCDOT FIGURE (MOD.) REV. 12/19/13



POST MOUNTED SIGN INSTALLATION IN SOIL WITH CURB OR GUTTER
MCDOT FIGURE (MOD.) REV. 12/12/13



NOTE:
IF THERE IS ANY QUESTIONS REGARDING THE FINAL, ACCEPTABLE
LOCATION FOR A SIGN SLEEVE, PLEASE CALL MONROE COUNTY DOT
AT 753-7750 AND REQUEST ASSISTANCE.

**ITEM 645.050000MO - SIGN POST
SLEEVE BASE INSTALLATION**
MCDOT FIGURE REV. 12/19/13

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Revision	By _____	Appd. _____	YY.MM.DD _____

Issued	By _____	Appd. _____	YY.MM.DD _____



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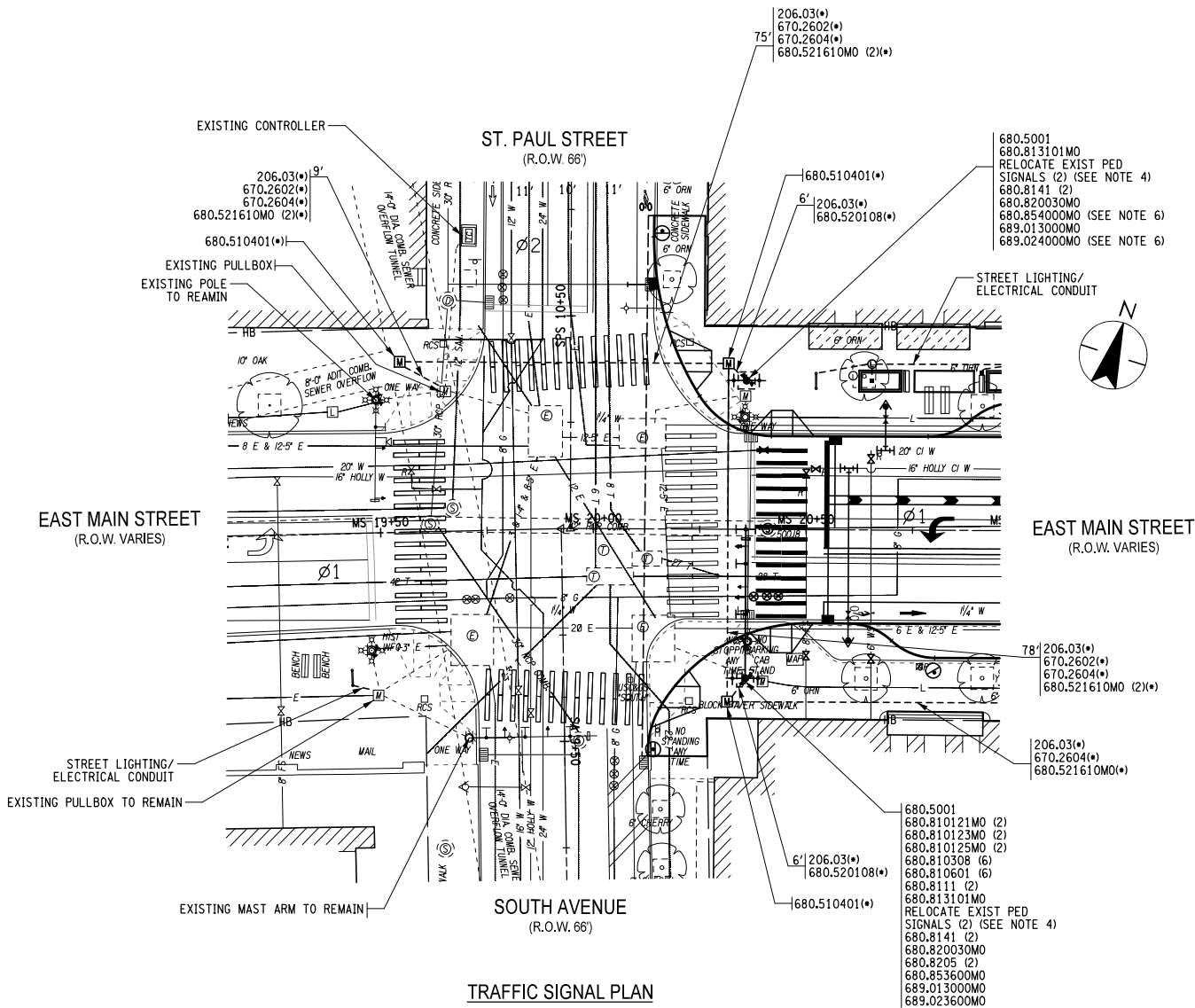
Client/Project
CITY OF ROCHESTER

MAIN STREET STREETScape AND
PEDESTRIAN WAYFINDING
P.I.N. 4755.91 D034908 PC 15323

ROCHESTER, NEW YORK

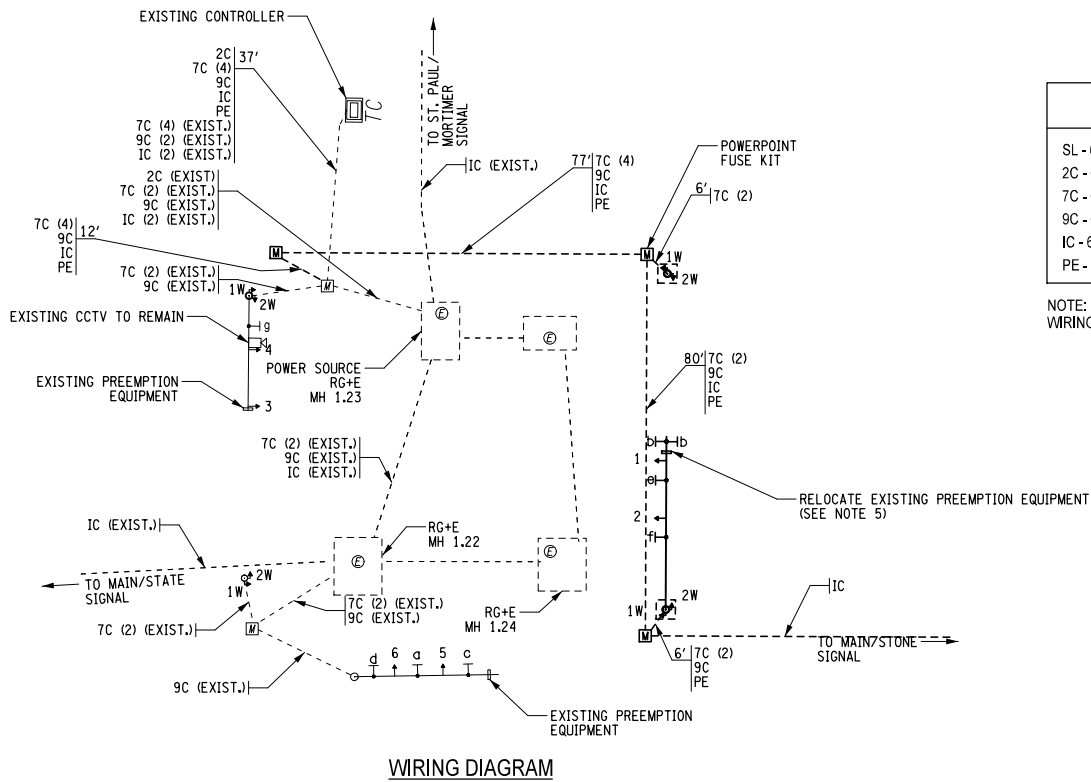
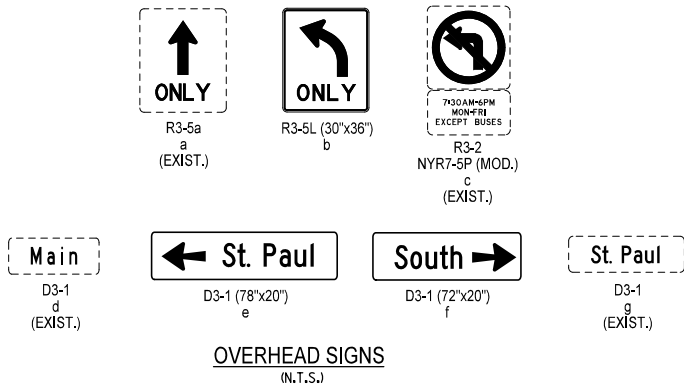
File Name: SPD-01.DGN	RMW	SWM	KRS	16.12.05
	Dwn.	Chkd.	Dgn.	YY.MM.DD

Title		
SIGNING AND PAVEMENT DETAILS SIGN POST DETAILS		
Project No. 192500343	Scale N.T.S.	
Drawing No.	Sheet	Revision
SPD-1	61 of 127	0



TRAFFIC SIGNAL PLAN NOTES:

- SEE GENERAL TRAFFIC SIGNAL NOTES ON DWG. TSP-11.
- SEE TRAFFIC SIGNAL DETAILS ON DRAWINGS TSD-1 THRU TSD-4.
- (*) - DENOTES QUANTITIES ACCOUNTED FOR IN THE CONDUIT AND PULLBOX TABLES LOCATED IN THE LTT DRAWINGS.
- EXISTING PEDESTRIAN SIGNALS TO BE RELOCATED. COST TO BE INCLUDED IN ITEM 680.77000105 - MODIFY TRAFFIC SIGNAL INSTALLATION.
- RELOCATE EXISTING PREEMPTION EQUIPMENT TO NEW MAST ARM COST TO BE INCLUDED IN ITEM 680.77000105.
- THE PROPOSED MAST ARM IS FOR FUTURE USE. THE CONTRACTOR SHALL COORDINATED WITH MCDOT FOR PICKUP.
- ALL NECESSARY MODIFICATIONS TO MAINTAIN THE OPERATION OF THE EXISTING TRAFFIC SIGNAL INCLUDING POWER SUPPLY, PEDESTRIAN SIGNALS, TRAFFIC SIGNAL HEADS, CAMERAS, AND PREEMPTION EQUIPMENT, SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS CONTRACT ITEMS.



WIRING LEGEND

SL - 680.71 - SHIELDED LEAD-IN CABLE
 2C - 680.730208 - SERVICE CABLE 2 - CONDUCTOR 8 AWG
 7C - 680.730714 - SIGNAL CABLE 7 - CONDUCTOR 14 AWG
 9C - 680.730914 - SIGNAL CABLE 9 - CONDUCTOR 14 AWG
 IC - 680.9211208 - FIBER OPTIC CABLE - 12 FIBERS
 PE - 680.82540009 - PREEMPTION CABLE

NOTE: SEE INTERCONNECT PLANS FOR COMPLETE WIRING LAYOUT AND ADDITIONAL NOTES.

POLE LOCATIONS

STATION	OFFSET	POLE ITEM NO.	MAST ARM ITEM NO.
MS 20+35.86	35.0' LT.	680.820030MO	680.854000MO
MS 20+35.86	35.0' RT.	680.820030MO	680.853600MO

TABLE OF CLEARANCES

TO \ FROM	RED	GREEN
	RED	YELLOW
RED	RED	RED
GREEN	RED	GREEN

PHASING SEQUENCE

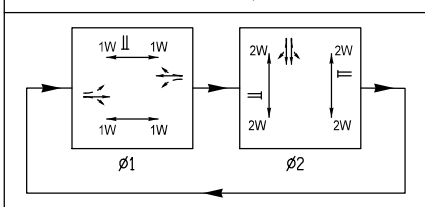


TABLE OF OPERATIONS

FACES \ PHASES	FACES						PEDESTRIAN INDICATORS	
	1	2	3	4	5	6	1W	2W
Ø1	GREEN	GREEN	GREEN	GREEN	RED	RED	MAN (*)	HAND
Ø2	RED	RED	RED	RED	GREEN	GREEN	HAND	MAN
EMERG. FLASH	FLASH RED	FLASH RED	FLASH RED	FLASH RED	FLASH RED	FLASH RED	DARK	DARK
SIGNAL HEAD DISPLAY	RED YELLOW GREEN	RED YELLOW GREEN	RED YELLOW GREEN	RED YELLOW GREEN	RED YELLOW GREEN	RED YELLOW GREEN		

NOTES:
 (*) - THIS INDICATION WILL BE A STEADY "MAN" FOLLOWED BY A FLASHING "HAND" CLEARANCE INTERVAL.

SIGNAL HEADS

RED	680.810121MO 680.810308 680.810601
YELLOW	680.810123MO 680.810308 680.810601
GREEN	680.810125MO 680.810308 680.810601

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Client/Project

CITY OF ROCHESTER

MAIN STREET STREETSCAPE AND
 PEDESTRIAN WAYFINDING
 P.I.N. 4755.91 D034908 PC 15323

ROCHESTER, NEW YORK

Title

TRAFFIC SIGNAL PLAN
 MAIN ST/ ST PAUL ST/ SOUTH AVE
 SIGNAL NUMBER 295A

Project No.
 192500343

Scale
 1" = 20'

Drawing No.

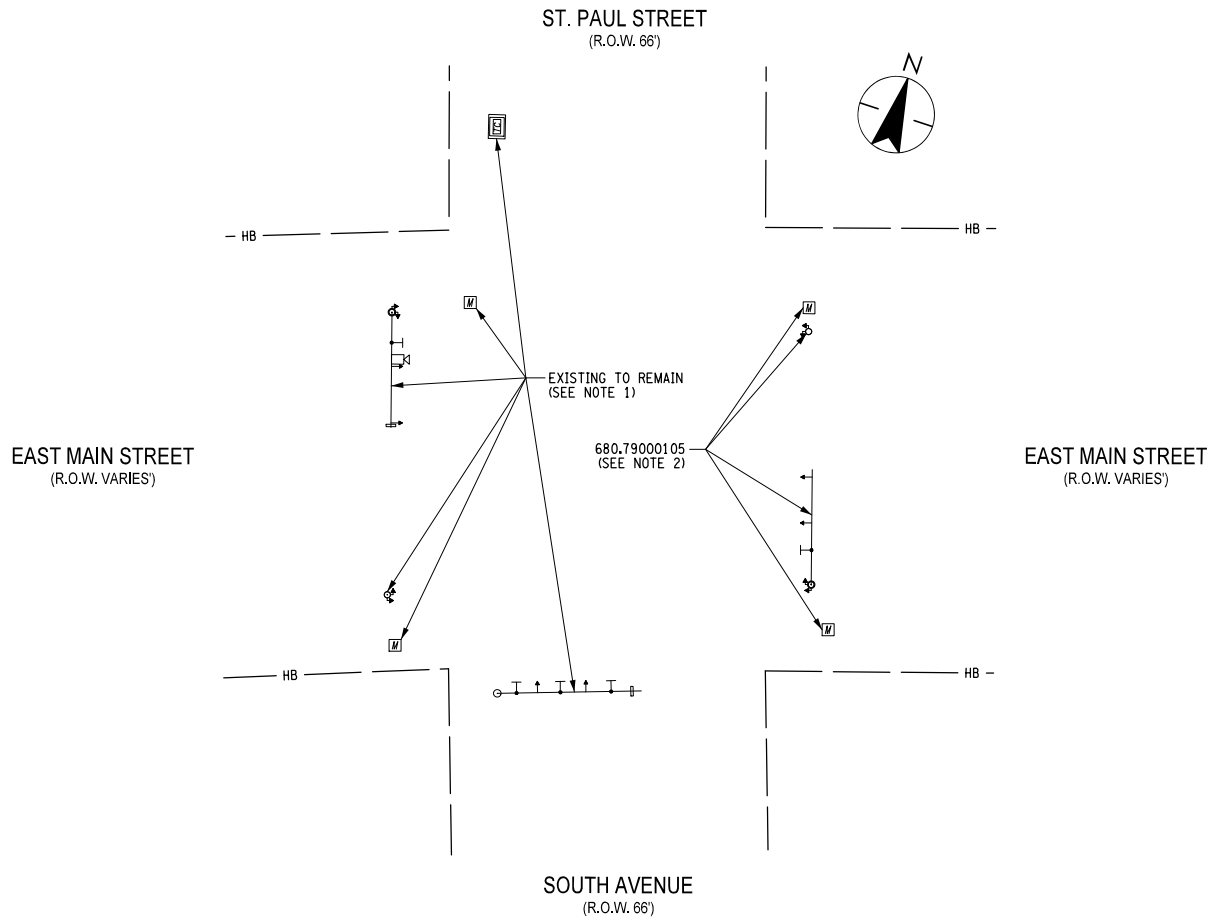
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Revision

TSP-1

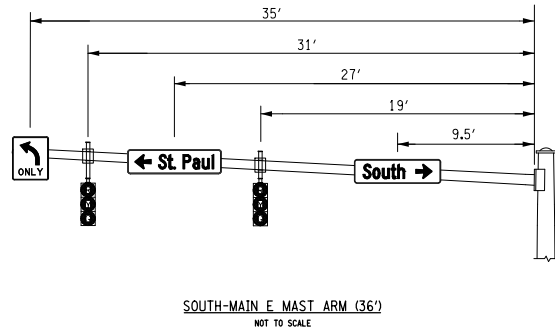
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REMOVAL DIAGRAM

- ITEM 680.77000105 - MODIFY TRAFFIC SIGNAL INSTALLATION SHALL INCLUDE BUT NOT LIMITED TO: NEW CONDUIT CONNECTIONS TO EXISTING CONDUITS, MODIFICATIONS TO EXISTING PULLBOXES, RELOCATION OF EXISTING SIGNAL HEADS, RELOCATION OF EXISTING PEDESTRIAN SIGNALS, RELOCATION OF EXISTING SIGN PANELS, ALL NECESSARY REWIRING OF EXISTING TRAFFIC SIGNAL AND PREEMPT EQUIPMENT, CAMERAS AND CONTROLLERS.
- ITEM 680.79000105 - REMOVE TRAFFIC SIGNAL INSTALLATION SHALL INCLUDE BUT NOT LIMITED TO: SIGNAL HEADS, SIGNAL POLES, MOUNTING BRACKETS, PEDESTRIAN SIGNALS, MAST ARMS, LIGHTING ARMS AND FIXTURES, POLE FOUNDATIONS, PULLBOXES, CONDUIT, WIRING AND SIGNS.



TRAFFIC SIGNAL #295 ESTIMATE OF QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
206.03	CONDUIT EXCAVATION AND BACKFILL INCL. RESTORATION	LF	*
619.1613	MAINTAIN TRAFFIC SIGNAL EQUIPMENT (REQUIREMENT C)	INTM	9
680.5001	POLE EXCAVATION AND CONCRETE FOUNDATION	CY	10
680.510401	PULLBOX-CIRCULAR, 30 INCH DIAMETER REINFORCED CONCRETE	EA	*
680.520106	CONDUIT, METAL STEEL, ZINC COATED, 2"	LF	*
680.520108	CONDUIT, METAL STEEL, ZINC COATED, 3"	LF	*
680.520110	CONDUIT, METAL STEEL, ZINC COATED, 4"	LF	*
680.521610MO	CONDUIT, PVC SCHEDULE 80, 4" DIAMETER	LF	*
680.730208	SIGNAL CABLE, 2 CONDUCTORS, 08 AWG	LF	160
680.730714	SIGNAL CABLE 7 CONDUCTORS, 14 AWG	LF	878
680.730914	SIGNAL CABLE 9 CONDUCTORS, 14 AWG	LF	309
680.77000105	MODIFY TRAFFIC SIGNAL EQUIPMENT	ELOC	1
680.79000105	REMOVE TRAFFIC SIGNAL EQUIPMENT	ELOC	1
680.810121MO	LED TRAFFIC SIGNAL MODULE - 12" DIA., RED BALL	EA	2
680.810123MO	LED TRAFFIC SIGNAL MODULE - 12" DIA., YELLOW BALL	EA	2
680.810125MO	LED TRAFFIC SIGNAL MODULE - 12" DIA., GREEN BALL	EA	2
680.810308	INSTALL BALL/ ARROW LED TRAFFIC SIGNAL MODULE	EA	6
680.810601	TRAFFIC SIGNAL SECTION - POLYCARBONATE, TYPE I, 12 INCH	EA	6
680.8111	TRAFFIC SIGNAL BRACKET ASSEMBLY - 1 WAY	EA	2
680.813101MO	AUDIBLE/TACTILE PEDESTRIAN SIGNAL DEVICE	EA	2
680.8141	PEDESTRIAN SIGNAL BRACKET MOUNT ASSEMBLY	EA	4
680.820030MO	TRAFFIC SIGNAL POLE MAST ARM COMBINATION ANCHOR BASE (30')	EA	2
680.8205	OVERHEAD SIGN ASSEMBLY, TYPE E	EA	2
680.82540009	PREEMPT SYSTEM - DETECTOR CABLE - SHIELDED, 3 CONDUCTOR WITH STRANDED GROUND, AWG #20	LF	308
680.853600MO	TRAFFIC SIGNAL MAST ARM, 36 FEET ARM LENGTH	EA	1
680.854000MO	TRAFFIC SIGNAL MAST ARM, 40 FEET ARM LENGTH	EA	1
680.92111208	FIBER OPTIC CABLE - 12 FIBERS	LF	**
689.013000MO	POWDER COAT 30' TRAFFIC SIGNAL POLE	EA	2
689.023600MO	POWDER COATING 36' TRAFFIC SIGNAL MAST ARM	EA	1
689.024000MO	POWDER COATING 40' TRAFFIC SIGNAL MAST ARM	EA	1

* QUANTITIES ACCOUNTED FOR IN THE CONDUIT AND PULLBOX TABLES IN THE LTT DRAWINGS

** SEE FIBER OPTIC TABLE ON DWG. INT-1

Design File: J:\192500343\Transportation\Design\Drawings\Plan Set\TSP\TSP-02.dgn
Date/Time: 11/29/2016 4:31:54 PM
Plotted By: kstefner

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Client/Project

CITY OF ROCHESTER

MAIN STREET STREETSCAPE AND
PEDESTRIAN WAYFINDING
P.I.N. 4755.91 D034908 PC 15323

ROCHESTER, NEW YORK

Title

TRAFFIC SIGNAL PLAN
MAIN ST/ ST. PAUL ST/ SOUTH AVE
SIGNAL NUMBER 295A

Project No.
192500343

Scale
1' = 20'

Drawing No.

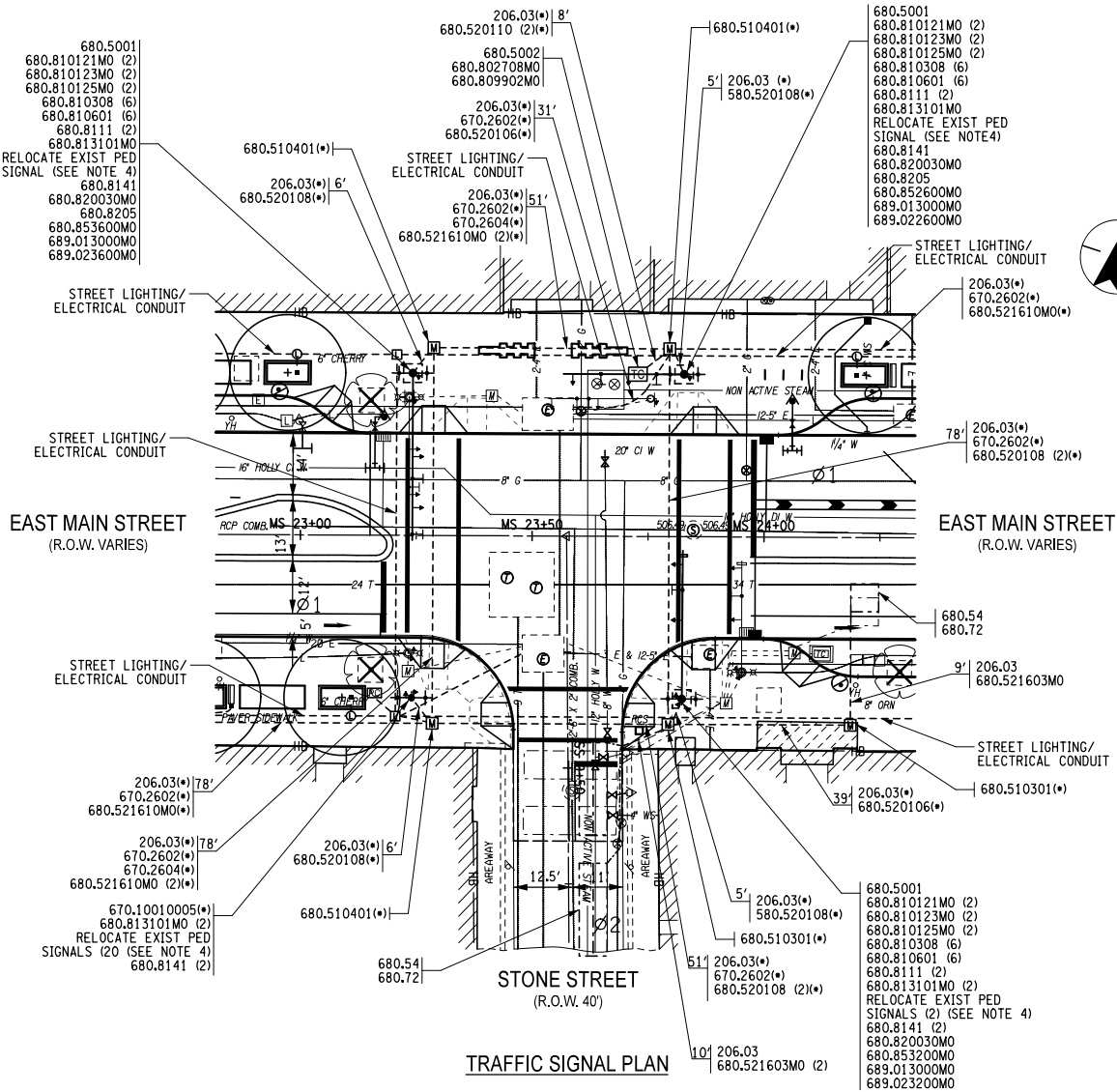
Sheet

Revision

TSP-2

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TRAFFIC SIGNAL PLAN

TRAFFIC SIGNAL PLAN NOTES:

- SEE GENERAL TRAFFIC SIGNAL NOTES ON DWG. TSP-11.
- SEE TRAFFIC SIGNAL DETAILS ON DRAWINGS TSD-1 THRU TSD-4.
- (*) - DENOTES QUANTITIES ACCOUNTED FOR IN THE CONDUIT AND PULLBOX TABLES LOCATED IN THE LTT DRAWINGS.
- EXISTING PEDESTRIAN SIGNALS TO BE RELOCATED. COST TO BE INCLUDED IN ITEM 680.77000205 - MODIFY TRAFFIC SIGNAL INSTALLATION.
- RELOCATE EXISTING PREEMPTION EQUIPMENT TO NEW MAST ARM COST TO BE INCLUDED IN ITEM 680.77000205.
- ALL NECESSARY MODIFICATIONS TO MAINTAIN THE OPERATION OF THE EXISTING TRAFFIC SIGNAL, INCLUDING POWER SUPPLY, PEDESTRIAN SIGNALS, TRAFFIC SIGNAL HEADS, CAMERAS, AND PREEMPTION EQUIPMENT, SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS CONTRACT ITEMS.

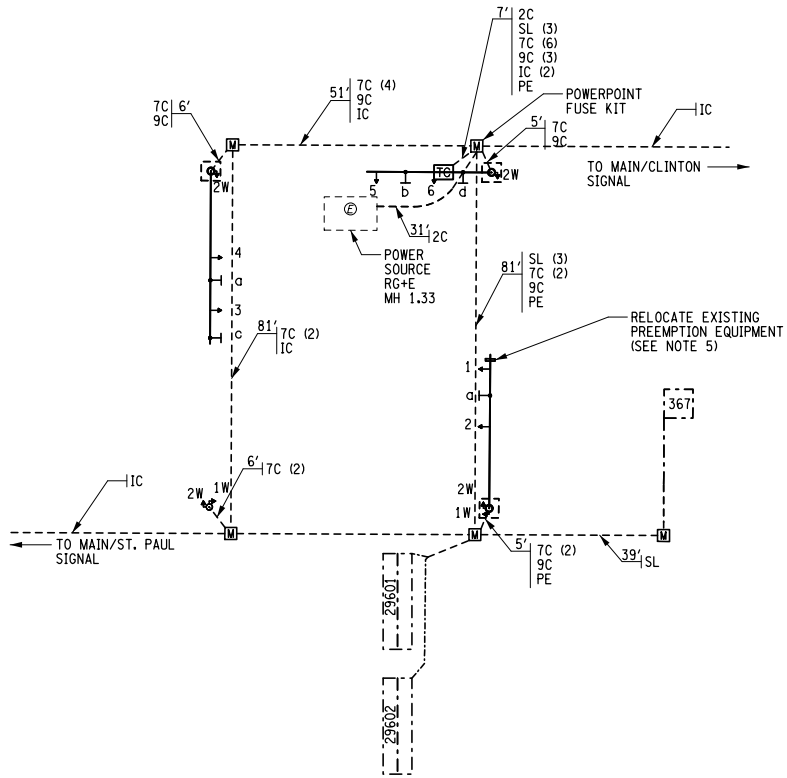
Stone
D3-1 (48"x20")
a
(EXIST.)

Main
D3-1 (48"x20")
b

ONLY
R3-5L (30"x36")
c

NO
TURN
ON RED
R10-11 (MODIFIED)
d

OVERHEAD SIGNS
(N.T.S.)



WIRING DIAGRAM

WIRING LEGEND

SL - 680.71 - SHIELDED LEAD-IN CABLE
2C - 680.730208 - SERVICE CABLE 2 - CONDUCTOR 8 AWG
7C - 680.730714 - SIGNAL CABLE 7 - CONDUCTOR 14 AWG
9C - 680.730914 - SIGNAL CABLE 9 - CONDUCTOR 14 AWG
IC - 680.92111208 - FIBER OPTIC CABLE - 12 FIBERS
PE - 680.82540009 - PREEMPTION CABLE

NOTE: SEE INTERCONNECT PLANS FOR COMPLETE WIRING LAYOUT AND ADDITIONAL NOTES.

SENSOR IDENTIFICATION TABLE

LOOP NO.	SIZE	TURNS	WIRED	FUNCTION	NOTES
367	6' x 6'	3	DIRECT	SS	PRESENCE
29601	20' x 6'	2-4-2	DIRECT	Ø2	PRESENCE
29602	20' x 6'	2-4-2	DIRECT	Ø2	PRESENCE

POLE LOCATIONS

STATION	OFFSET	POLE ITEM NO.	MAST ARM ITEM NO.
MS 23+24.12	35.0' LT.	680.820030MO	680.853600MO
MS 23+82.43	35.0' RT.	680.820030MO	680.853200MO
MS 23+82.62	35.0' LT.	680.820030MO	680.852600MO

TABLE OF CLEARANCES

TO \ FROM	RED	GREEN
	RED	YELLOW
RED	RED	RED
GREEN	RED	GREEN
	RED	GREEN

PHASING SEQUENCE

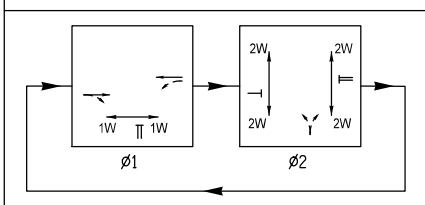


TABLE OF OPERATIONS

FACES \ PHASES	FACES						PEDESTRIAN INDICATORS	
	1	2	3	4	5	6	1W	2W
Ø1	GREEN	GREEN	GREEN	GREEN	RED	RED	MAN (**)	HAND
Ø2	RED	RED	RED	RED	GREEN	GREEN	HAND	HAND (*)
EMERG. FLASH	FLASH RED	FLASH RED	FLASH RED	FLASH RED	FLASH RED	FLASH RED	DARK	DARK
SIGNAL HEAD DISPLAY	RED YELLOW GREEN	RED YELLOW GREEN	RED YELLOW GREEN	RED YELLOW GREEN	RED YELLOW GREEN	RED YELLOW GREEN		

NOTES:

(*) - THIS INDICATION WILL BE A STEADY "MAN" FOLLOWED BY A FLASHING "HAND". CLEARANCE INTERVAL UPON ACTUATION OF THE PEDESTRIAN PUSH BUTTON.

(**) - THIS INDICATION WILL BE A STEADY "MAN" FOLLOWED BY A FLASHING "HAND" CLEARANCE INTERVAL.

RED 680.810121MO
680.810308
680.810601
YELLOW 680.810123MO
680.810308
680.810601
GREEN 680.810125MO
680.810308
680.810601

SIGNAL HEADS

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Client/Project

CITY OF ROCHESTER

MAIN STREET STREETSCAPE AND
PEDESTRIAN WAYFINDING
P.I.N. 4755.91 D034908 PC 15323

ROCHESTER, NEW YORK

Title

TRAFFIC SIGNAL PLAN
MAIN STREET AND STONE STREET
SIGNAL NUMBER 296

Project No.
192500343

Scale
1' = 20'

Drawing No.

Sheet

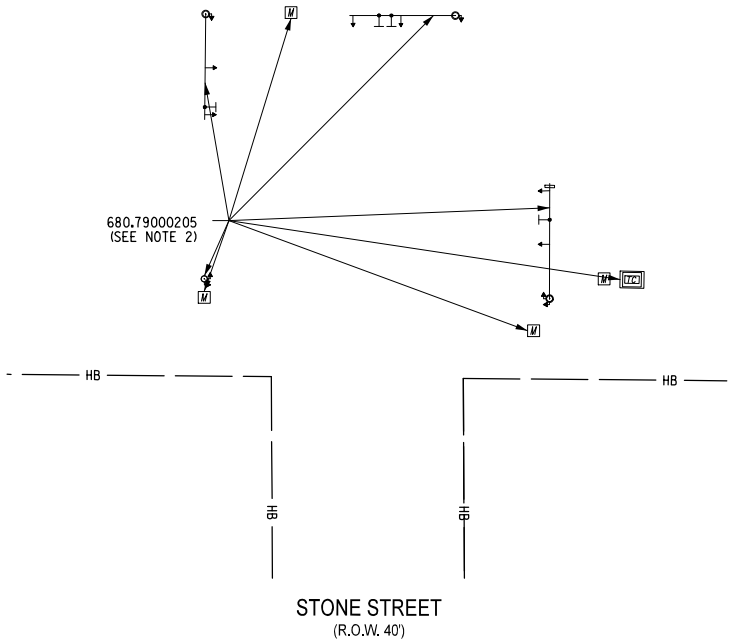
Revision

TSP-3

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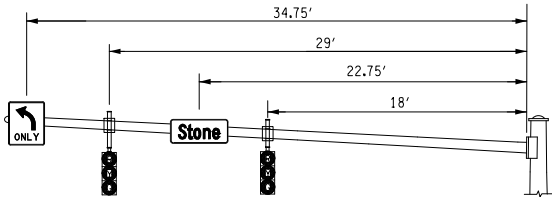
EAST MAIN STREET
(R.O.W. VARIES)



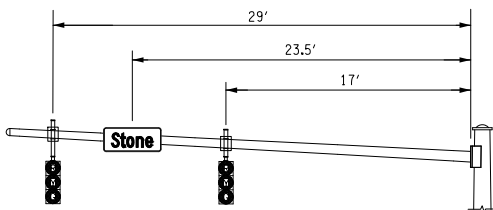
STONE STREET
(R.O.W. 40')

REMOVAL DIAGRAM

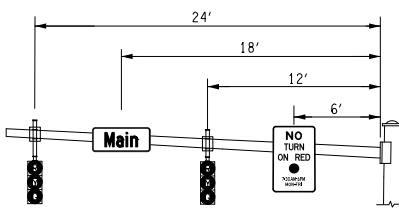
- ITEM 680.77000205 - MODIFY TRAFFIC SIGNAL INSTALLATION SHALL INCLUDE BUT NOT LIMITED TO: NEW CONDUIT CONNECTIONS TO EXISTING CONDUITS, MODIFICATIONS TO EXISTING PULLBOXES, RELOCATION OF EXISTING SIGNAL HEADS, RELOCATION OF EXISTING PEDESTRIAN SIGNALS, RELOCATION OF EXISTING SIGN PANELS, ALL NECESSARY REWIRING OF EXISTING TRAFFIC SIGNAL AND PREEMPT EQUIPMENT, CAMERAS AND CONTROLLERS.
- ITEM 680.79000205 - REMOVE TRAFFIC SIGNAL INSTALLATION SHALL INCLUDE BUT NOT LIMITED TO: SIGNAL HEADS, SIGNAL POLES, MOUNTING BRACKETS, PEDESTRIAN SIGNALS, MAST ARMS, LIGHTING ARMS AND FIXTURES, POLE FOUNDATIONS, PULLBOXES, CONDUIT, WIRING AND SIGNS.



STONE-MAIN W MAST ARM (36')
NOT TO SCALE



STONE-EAST E MAST ARM (32')
NOT TO SCALE



STONE-MAIN N MAST ARM (26')
NOT TO SCALE

TRAFFIC SIGNAL #296 ESTIMATE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
206.03	CONDUIT EXCAVATION AND BACKFILL INCL. RESTORATION	LF	21 *
619.1613	MAINTAIN TRAFFIC SIGNAL EQUIPMENT (REQUIREMENT C)	INTM	9
680.5001	POLE EXCAVATION AND CONCRETE FOUNDATION	CY	15
680.5002	CONCRETE BASE FOR CONTROLLER CABINET	EA	1
680.510301	PULLBOX-CIRCULAR, 24 INCH DIAMETER, REINFORCED CONCRETE	EA	*
680.510401	PULLBOX-CIRCULAR, 30 INCH DIAMETER, REINFORCED CONCRETE	EA	*
680.520106	CONDUIT, METAL STEEL, ZINC COATED, 2"	LF	*
680.520108	CONDUIT, METAL STEEL, ZINC COATED, 3"	LF	*
680.520110	CONDUIT, METAL STEEL, ZINC COATED, 4"	LF	*
680.521603MO	CONDUIT, PVC SCHEDULE 80, 1" DIAMETER	LF	30
680.521610MO	CONDUIT, PVC SCHEDULE 80, 4" DIAMETER	LF	*
680.54	INDUCTANCE LOOP INSTALLATION	LF	213
680.71	SHIELDED LEAD-IN CABLE	LF	368
680.72	INDUCTANCE LOOP WIRE	LF	612
680.730208	SIGNAL CABLE, 2 CONDUCTORS, 08 AWG	LF	64
680.730714	SIGNAL CABLE 7 CONDUCTORS, 14 AWG	LF	797
680.730914	SIGNAL CABLE 9 CONDUCTORS, 14 AWG	LF	413
680.77000205	MODIFY TRAFFIC SIGNAL EQUIPMENT	ELOC	1
680.79000205	REMOVE TRAFFIC SIGNAL EQUIPMENT	ELOC	1
680.802708MO	INSTALL 8 PHASE GROUND MOUNTED TRAFFIC SIGNAL CABINET AND EQUIP. (FURNISHED BY COUNTY)	EA	1
680.809902MO	ACTUATED 8 PHASE GROUND MOUNED TRAFFIC SIGNAL CABINET AND EQUIP. (PURCHASED FROM COUNTY) LOCATION 2	EA	1
680.810121MO	LED TRAFFIC SIGNAL MODULE - 12" DIA., RED BALL	EA	6
680.810123MO	LED TRAFFIC SIGNAL MODULE - 12" DIA., YELLOW BALL	EA	6
680.810125MO	LED TRAFFIC SIGNAL MODULE - 12" DIA., GREEN BALL	EA	6
680.810308	INSTALL BALL/ ARROW LED TRAFFIC SIGNAL MODULE	EA	18
680.810601	TRAFFIC SIGNAL SECTION - POLYCARBONATE, TYPE I, 12 INCH	EA	18
680.8111	TRAFFIC SIGNAL BRACKET ASSEMBLY - 1 WAY	EA	6
680.813101MO	AUDIBLE/TACTILE PEDESTRIAN SIGNAL DEVICE	EA	6
680.8141	PEDESTRIAN SIGNAL BRACKET MOUNT ASSEMBLY	EA	6
680.820030MO	TRAFFIC SIGNAL POLE MAST ARM COMBINATION ANCHOR BASE (30')	EA	3
680.8205	OVERHEAD SIGN ASSEMBLY, TYPE E	EA	2
680.82540009	PREEMPT SYSTEM - DETECTOR CABLE - SHIELDED, 3 CONDUCTOR WITH STRANDED GROUND, AWG #20	LF	170
680.852600MO	TRAFFIC SIGNAL MAST ARM, 26 FEET ARM LENGTH	EA	1
680.853200MO	TRAFFIC SIGNAL MAST ARM, 32 FEET ARM LENGTH	EA	1
680.853600MO	TRAFFIC SIGNAL MAST ARM, 36 FEET ARM LENGTH	EA	1
680.92111208	FIBER OPTIC CABLE - 12 FIBERS	LF	**
689.013000MO	POWDER COAT 30' TRAFFIC SIGNAL POLE	EA	3
689.022600MO	POWDER COATING 26' TRAFFIC TRAFFIC SIGNAL POLE	EA	1
689.023200MO	POWDER COATING 32' TRAFFIC SIGNAL MAST ARM	EA	1
689.023600MO	POWDER COATING 36' TRAFFIC SIGNAL MAST ARM	EA	1

* QUANTITIES ACCOUNTED FOR IN THE CONDUIT AND PULLBOX TABLES IN THE LTT DRAWINGS

** SEE FIBER OPTIC TABLE ON DWG. INT-1

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Client/Project

CITY OF ROCHESTER

MAIN STREET STREETSCAPE AND
PEDESTRIAN WAYFINDING
P.I.N. 4755.91 D034908 PC 15323

ROCHESTER, NEW YORK

Title

TRAFFIC SIGNAL PLAN
MAIN STREET AND STONE STREET
SIGNAL NUMBER 296

Project No.
192500343

Scale
1" = 20'

Drawing No.

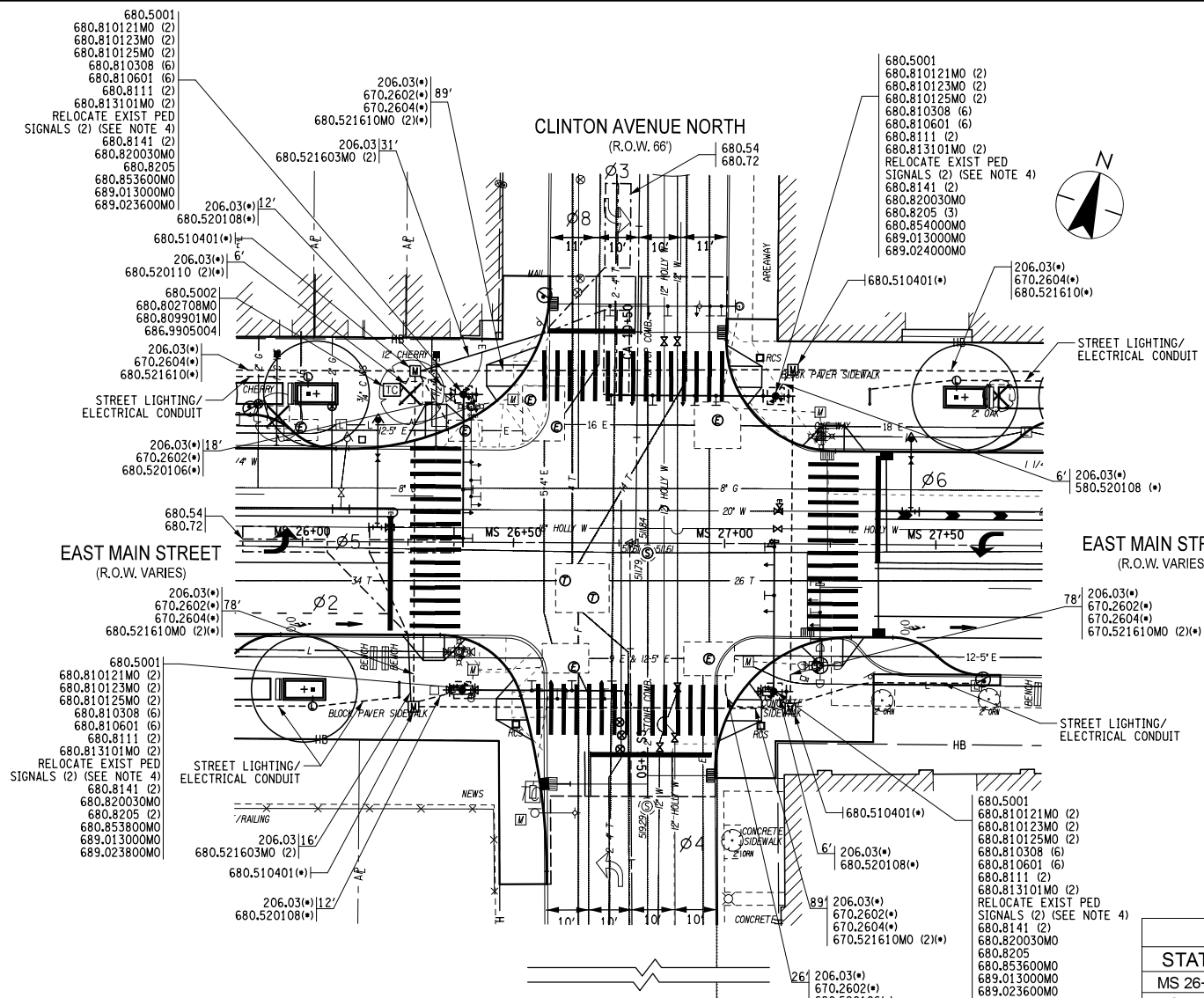
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Revision

TSP-4

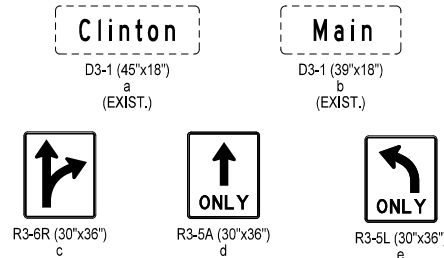
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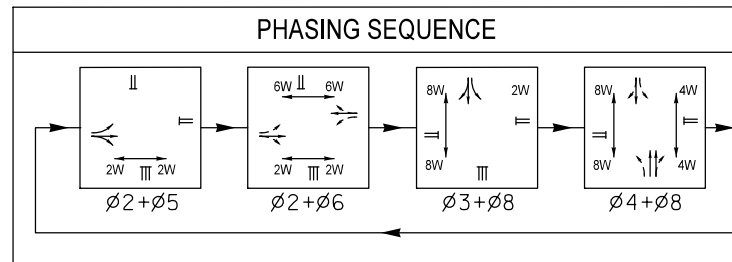
TRAFFIC SIGNAL PLAN NOTES:

- SEE GENERAL TRAFFIC SIGNAL NOTES ON DWG. TSP-11.
- SEE TRAFFIC SIGNAL DETAILS ON DRAWINGS TSD-1 THRU TSD-4.
- (*) - DENOTES QUANTITIES ACCOUNTED FOR IN THE CONDUIT AND PULLBOX TABLES LOCATED IN THE LTT DRAWINGS.
- EXISTING PEDESTRIAN SIGNALS TO BE RELOCATED. COST TO BE INCLUDED IN ITEM 680.77000305 - MODIFY TRAFFIC SIGNAL INSTALLATION.
- RELOCATE EXISTING PREEMPTION EQUIPMENT TO NEW MAST ARM. COST TO BE INCLUDED IN ITEM 680.77000305.
- ALL NECESSARY MODIFICATIONS TO MAINTAIN THE OPERATION OF THE EXISTING TRAFFIC SIGNAL, INCLUDING POWER SUPPLY, PEDESTRIAN SIGNALS, TRAFFIC SIGNAL HEADS, CAMERAS, AND PREEMPTION EQUIPMENT, SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS CONTRACT ITEMS.
- RPD CCTV CAMERAS TO BE RELOCATED BY RPD ONTO NEW TRAFFIC SIGNAL POLE.
- MCDOT CCTV CAMERA TO BE RELOCATED BY THE CONTRACTOR UNDER ITEM 680.77000305 ONTO NEW TRAFFIC SIGNAL POLE.
- NEW SHIELDED LEAD-IN CABLE TO THE EXISTING LOOP WIRE FOR LOOPS #366 AND #369 SHALL BE PERFORMED BY OTHERS.



POLE LOCATIONS			
STATION	OFFSET	POLE ITEM NO.	MAST ARM ITEM NO.
MS 26+38.01	35.0' LT.	680.820030MO	680.853600MO
MS 26+38.01	35.0' RT.	680.820030MO	680.853800MO
MS 27+11.75	34.97' LT.	680.820030MO	680.854000MO
MS 27+11.84	35.0' RT.	680.820030MO	680.853600MO

SENSOR IDENTIFICATION TABLE					
LOOP NO.	SIZE	TURNS	WIRED	FUNCTION	NOTES
366	6' x 6'	3	DIRECT	SS	EXISTING
369	6' x 6'	3	DIRECT	SS	EXISTING
29701	6' X 20'	2-4-2	DIRECT	Ø3	PRESENCE
29702	6' X 20'	2-4-2	DIRECT	Ø3	PRESENCE
29703	6' X 20'	2-4-2	DIRECT	Ø5	PRESENCE
29704	6' X 20'	2-4-2	DIRECT	Ø5	PRESENCE



WIRING LEGEND

SL - 680.71 - SHIELDED LEAD-IN CABLE
2C - 680.730208 - SERVICE CABLE 2 - CONDUCTOR 8 AWG
7C - 680.730714 - SIGNAL CABLE 7 - CONDUCTOR 14 AWG
9C - 680.730914 - SIGNAL CABLE 9 - CONDUCTOR 14 AWG
IC - 680.9211208 - FIBER OPTIC CABLE - 12 FIBERS
PE - 680.82540009 - PREEMPTION CABLE

NOTE: SEE INTERCONNECT PLANS FOR COMPLETE WIRING LAYOUT AND ADDITIONAL NOTES.

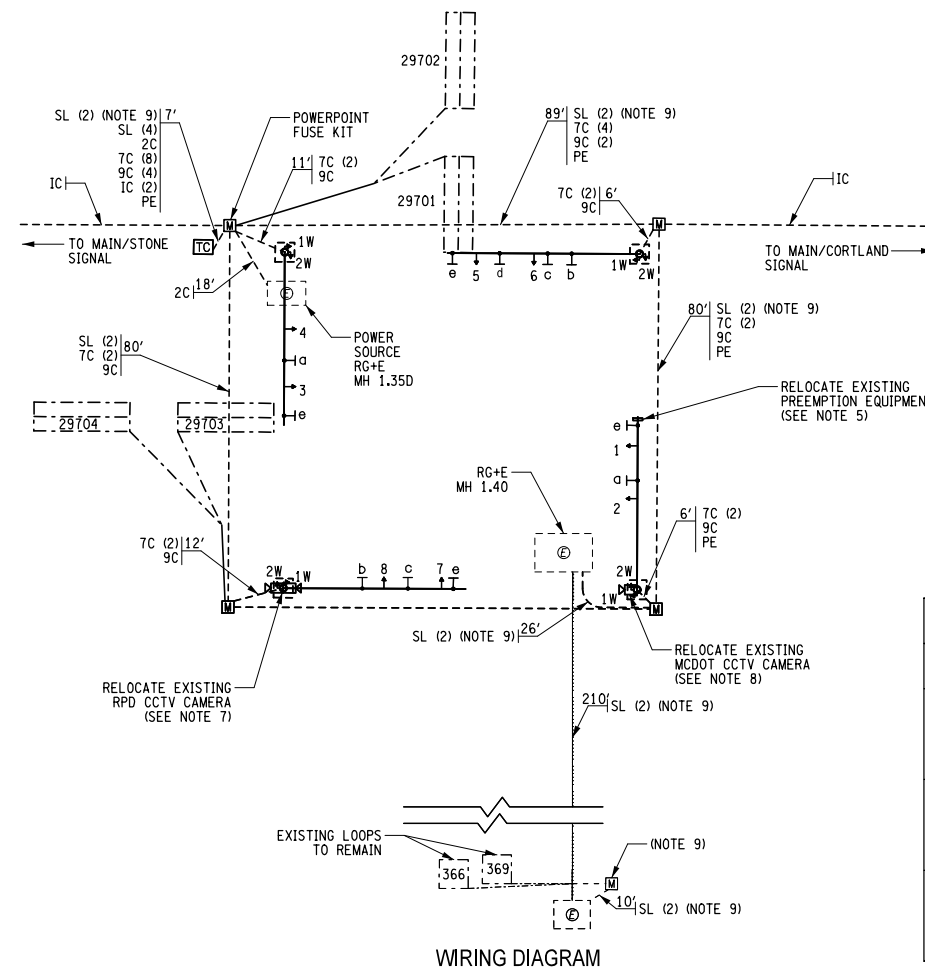


TABLE OF CLEARANCES

FROM	RED	GREEN	GREEN
TO	RED	YELLOW	YELLOW
RED	RED	RED	RED
GREEN	RED	GREEN	GREEN
GREEN	RED	GREEN	GREEN

TABLE OF OPERATIONS

FACES	FACES								PEDESTRIAN INDICATORS			
	1	2	3	4	5	6	7	8	2W	4W	6W	8W
PHASES												
Ø2+Ø5	GREEN	GREEN	RED	RED	RED	RED	RED	RED	MAN (*)	HAND	HAND	HAND
Ø2+Ø6	GREEN	GREEN	GREEN	GREEN	RED	RED	RED	RED	MAN (*)	HAND	MAN (*)	HAND
Ø3+Ø8	RED	RED	RED	RED	RED	RED	GREEN	GREEN	HAND	HAND	HAND	MAN (*)
Ø4+Ø8	RED	RED	RED	RED	GREEN	GREEN	GREEN	GREEN	HAND	MAN (*)	HAND	MAN (*)
EMERG. FLASH	FLASH RED	FLASH RED	FLASH RED	FLASH RED	FLASH RED	FLASH RED	FLASH RED	FLASH RED	DARK	DARK	DARK	DARK
SIGNAL HEAD DISPLAY	RED YELLOW GREEN YELLOW GREEN	RED YELLOW GREEN YELLOW GREEN	RED YELLOW GREEN YELLOW GREEN	RED YELLOW GREEN YELLOW GREEN	RED YELLOW GREEN YELLOW GREEN	RED YELLOW GREEN YELLOW GREEN	RED YELLOW GREEN YELLOW GREEN	RED YELLOW GREEN YELLOW GREEN	RED YELLOW GREEN YELLOW GREEN	RED YELLOW GREEN YELLOW GREEN	RED YELLOW GREEN YELLOW GREEN	RED YELLOW GREEN YELLOW GREEN

NOTES:

(*) - THIS INDICATION WILL BE A STEADY "MAN" FOLLOWED BY A FLASHING "HAND" CLEARANCE INTERVAL.

SIGNAL HEADS

680.810121MO
680.810308
680.810601

680.810123MO
680.810308
680.810601

680.810125MO
680.810308
680.810601

680.810128MO
680.810308
680.810601

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Client/Project

CITY OF ROCHESTER

MAIN STREET STREETSCAPE AND
PEDESTRIAN WAYFINDING
P.I.N. 4755.91 D034908 PC 15323

ROCHESTER, NEW YORK

Title

TRAFFIC SIGNAL PLAN
MAIN STREET AND CLINTON AVENUE
SIGNAL NUMBER 297

Project No.
192500343

Scale
1" = 20'

Drawing No.

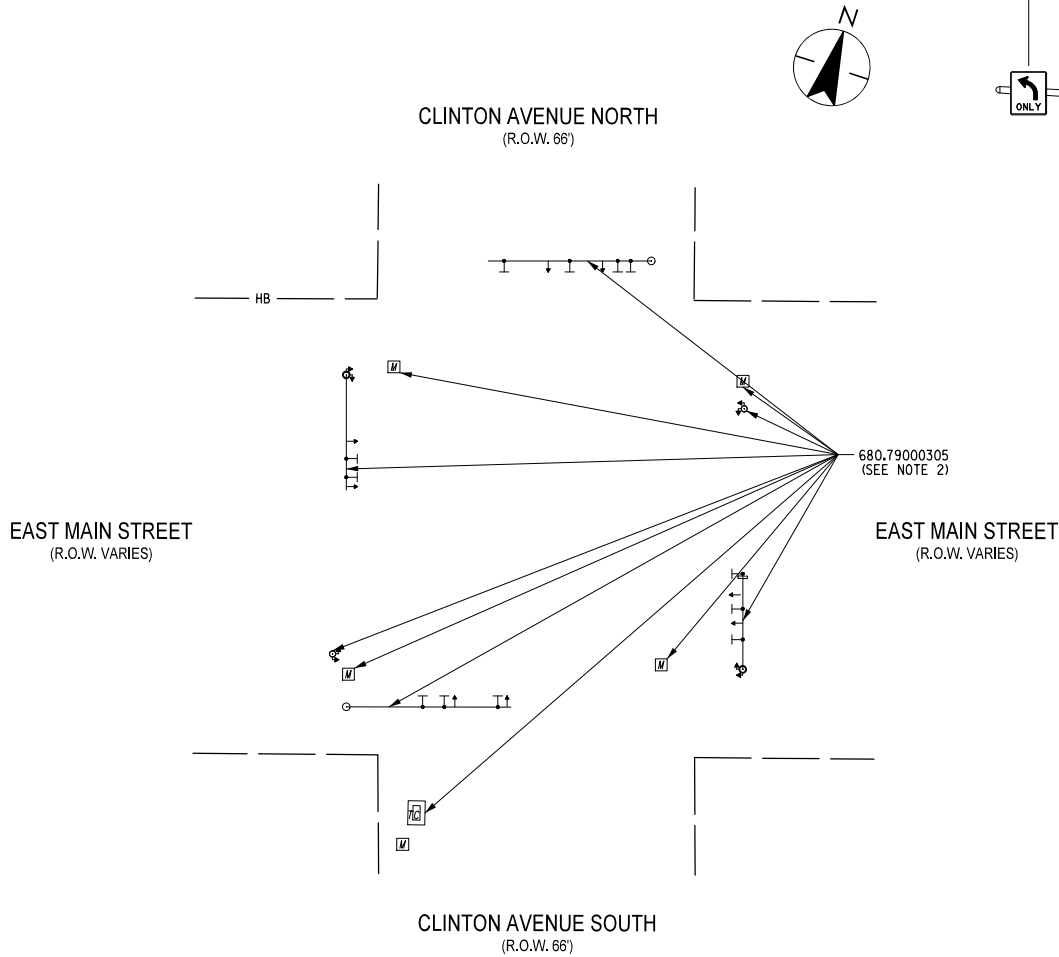
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Revision

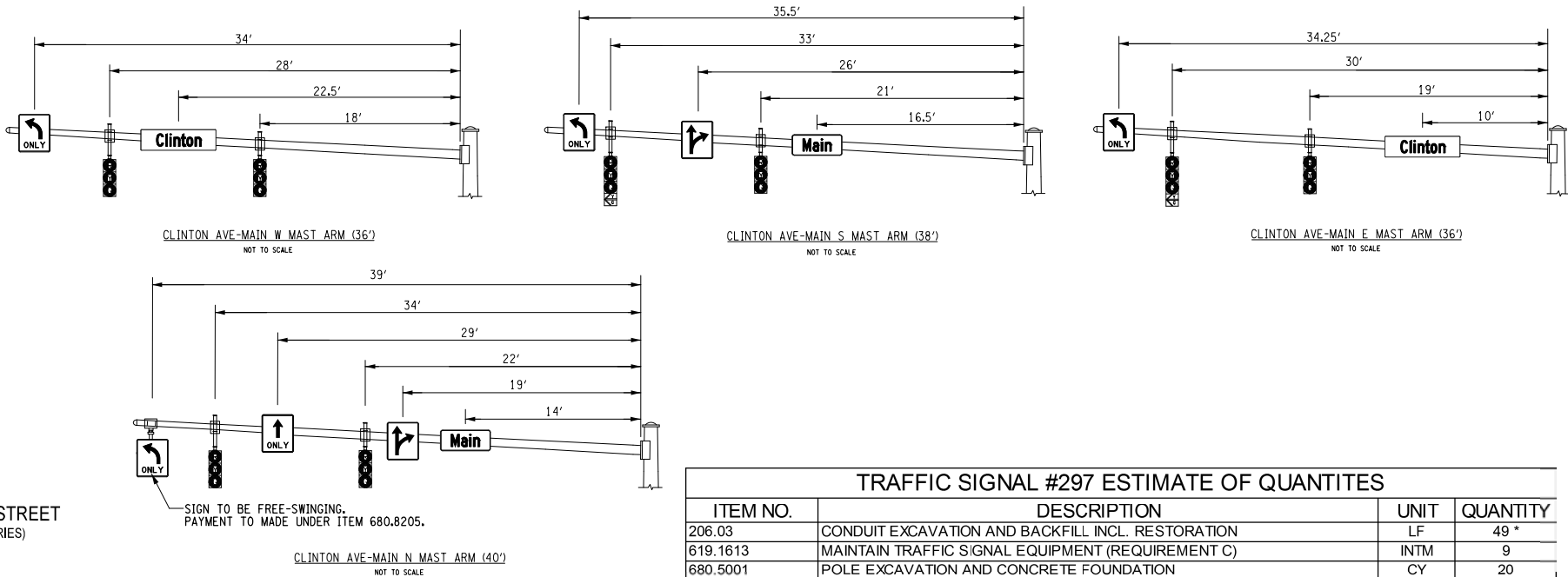
TSP-5

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- ITEM 680.77000305 - MODIFY TRAFFIC SIGNAL INSTALLATION SHALL INCLUDE BUT NOT LIMITED TO: NEW CONDUIT CONNECTIONS TO EXISTING CONDUITS, MODIFICATIONS TO EXISTING PULLBOXES, RELOCATION OF EXISTING SIGNAL HEADS, RELOCATION OF EXISTING PEDESTRIAN SIGNALS, RELOCATION OF EXISTING SIGN PANELS, ALL NECESSARY REWIRING OF EXISTING TRAFFIC SIGNAL AND PREEMPT EQUIPMENT, CAMERAS AND CONTROLLERS.
- ITEM 680.79000305 - REMOVE TRAFFIC SIGNAL INSTALLATION SHALL INCLUDE BUT NOT LIMITED TO: SIGNAL HEADS, SIGNAL POLES, MOUNTING BRACKETS, PEDESTRIAN SIGNALS, MAST ARMS, LIGHTING ARMS AND FIXTURES, POLE FOUNDATIONS, PULLBOXES, CONDUIT, WIRING AND SIGNS.



TRAFFIC SIGNAL #297 ESTIMATE OF QUANTITES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
206.03	CONDUIT EXCAVATION AND BACKFILL INCL. RESTORATION	LF	49 *
619.1613	MAINTAIN TRAFFIC SIGNAL EQUIPMENT (REQUIREMENT C)	INTM	9
680.5001	POLE EXCAVATION AND CONCRETE FOUNDATION	CY	20
680.5002	CONCRETE BASE FOR CONTROLLER CABINET	EA	1
680.510301	PULLBOX-CIRCULAR, 24 INCH DIAMETER, REINFORCED CONCRETE	EA	*
680.510401	PULLBOX-CIRCULAR, 30 INCH DIAMETER, REINFORCED CONCRETE	EA	*
680.520106	CONDUIT, METAL STEEL, ZINC COATED, 2"	LF	*
680.520108	CONDUIT, METAL STEEL, ZINC COATED, 3"	LF	*
680.520110	CONDUIT, METAL STEEL, ZINC COATED, 4"	LF	*
680.521603MO	CONDUIT, PVC SCHEDULE 80, 1" DIAMETER	LF	94
680.521610MO	CONDUIT, PVC SCHEDULE 80, 4" DIAMETER	LF	*
680.54	INDUCTANCE LOOP INSTALLATION	LF	374
680.71	SHIELDED LEAD-IN CABLE	LF	1202
680.72	INDUCTANCE LOOP WIRE	LF	1102
680.730208	SIGNAL CABLE, 2 CONDUCTORS, 08 AWG	LF	49
680.730714	SIGNAL CABLE 7 CONDUCTORS, 14 AWG	LF	1122
680.730914	SIGNAL CABLE 9 CONDUCTORS, 14 AWG	LF	743
680.77000305	MODIFY TRAFFIC SIGNAL EQUIPMENT	ELOC	1
680.79000305	REMOVE TRAFFIC SIGNAL EQUIPMENT	ELOC	1
680.802708MO	INSTALL 8 PHASE GROUND MOUNTED TRAFFIC SIGNAL CABINET AND EQUIP. (FURNISHED BY COUNTY)	EA	1
680.809901MO	ACTUATED 8 PHASE GROUND MOUNED TRAFFIC SIGNAL CABINET AND EQUIP. (PURCHASED FROM COUNTY) LOCATION 1	EA	1
680.810121MO	LED TRAFFIC SIGNAL MODULE - 12" DIA., RED BALL	EA	8
680.810123MO	LED TRAFFIC SIGNAL MODULE - 12" DIA., YELLOW BALL	EA	8
680.810125MO	LED TRAFFIC SIGNAL MODULE - 12" DIA., GREEN BALL	EA	8
680.810128MO	LED TRAFFIC SIGNAL MODULE - 12" BI-MODAL ARROW, YELLOW/GREEN	EA	2
680.810308	INSTALL BALL/ ARROW LED TRAFFIC SIGNAL MODULE	EA	26
680.810601	TRAFFIC SIGNAL SECTION - POLYCARBONATE, TYPE I, 12 INCH	EA	26
680.8111	TRAFFIC SIGNAL BRACKET ASSEMBLY - 1 WAY	EA	8
680.813101MO	AUDIBLE/TACTILE PEDESTRIAN SIGNAL DEVICE	EA	8
680.8141	PEDESTRIAN SIGNAL BRACKET MOUNT ASSEMBLY	EA	8
680.820030MO	TRAFFIC SIGNAL POLE MAST ARM COMBINATION ANCHOR BASE (30')	EA	4
680.8205	OVERHEAD SIGN ASSEMBLY, TYPE E	EA	7
680.82540009	PREEMPT SYSTEM - DETECTOR CABLE - SHIELDED,3 CONDUCTOR WITH STRANDED GROUND, AWG #20	LF	273
680.853600MO	TRAFFIC SIGNAL MAST ARM, 36 FEET ARM LENGTH	EA	2
680.853800MO	TRAFFIC SIGNAL MAST ARM, 38 FEET ARM LENGTH	EA	1
680.854000MO	TRAFFIC SIGNAL MAST ARM, 40 FEET ARM LENGTH	EA	1
680.92111208	FIBER OPTIC CABLE - 12 FIBERS	LF	**
683.99050004	FIELD HARDENED ETHERNET SWITCHES	EA	1
689.013000MO	POWDER COAT 30' TRAFFIC SIGNAL POLE	EA	4
689.013600MO	POWDER COATING 36' TRAFFIC SIGNAL MAST ARM	EA	2
689.023800MO	POWDER COATING 38' TRAFFIC SIGNAL MAST ARM	EA	1
689.024000MO	POWDER COATING 40' TRAFFIC SIGNAL MAST ARM	EA	1

* QUANTITIES ACCOUNTED FOR IN THE CONDUIT AND PULLBOX TABLES IN THE LTT DRAWINGS
** SEE FIBER OPTIC TABLE ON DWG. INT-1

Design File: U:\192500343\Transportation\Design\Drawings\Plan Set\TSP-139-04.dgn
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Plotted By: kstefner

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Client/Project

CITY OF ROCHESTER

MAIN STREET STREETSCAPE AND
PEDESTRIAN WAYFINDING
P.I.N. 4755.91 D034908 PC 15323

ROCHESTER, NEW YORK

Title

TRAFFIC SIGNAL PLAN
MAIN STREET AND CLINTON AVENUE
SIGNAL NUMBER 297

Project No.
192500343

Scale
1' = 20'

Drawing No.

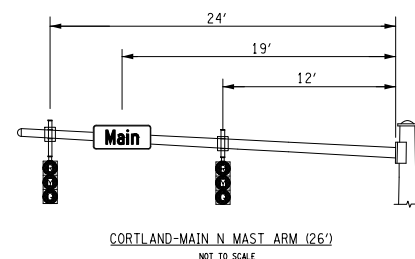
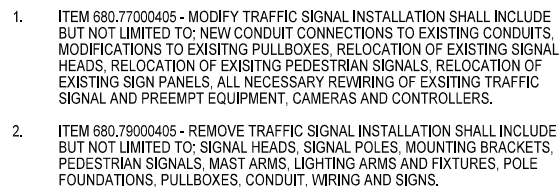
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Revision

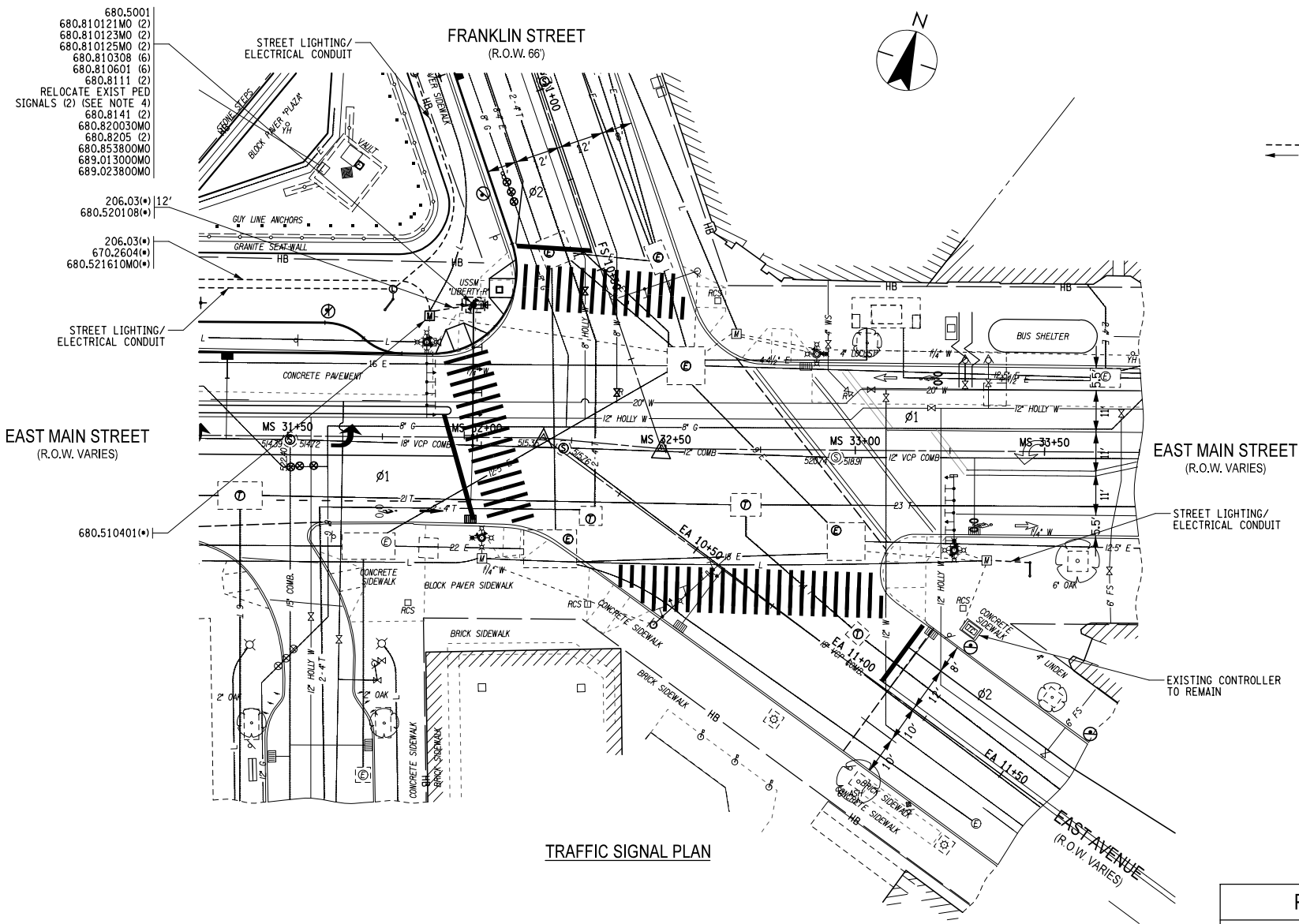
TSP-6

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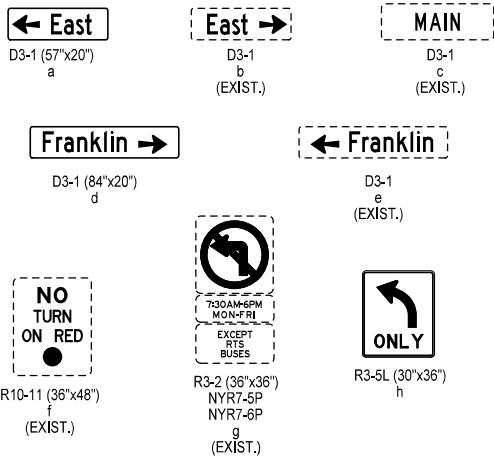
* QUANTITIES ACCOUNTED FOR IN THE CONDUIT AND PULLBOX TABLES IN THE LTT DRAWINGS
** SEE FIBER OPTIC TABLE ON DWG. INT-1



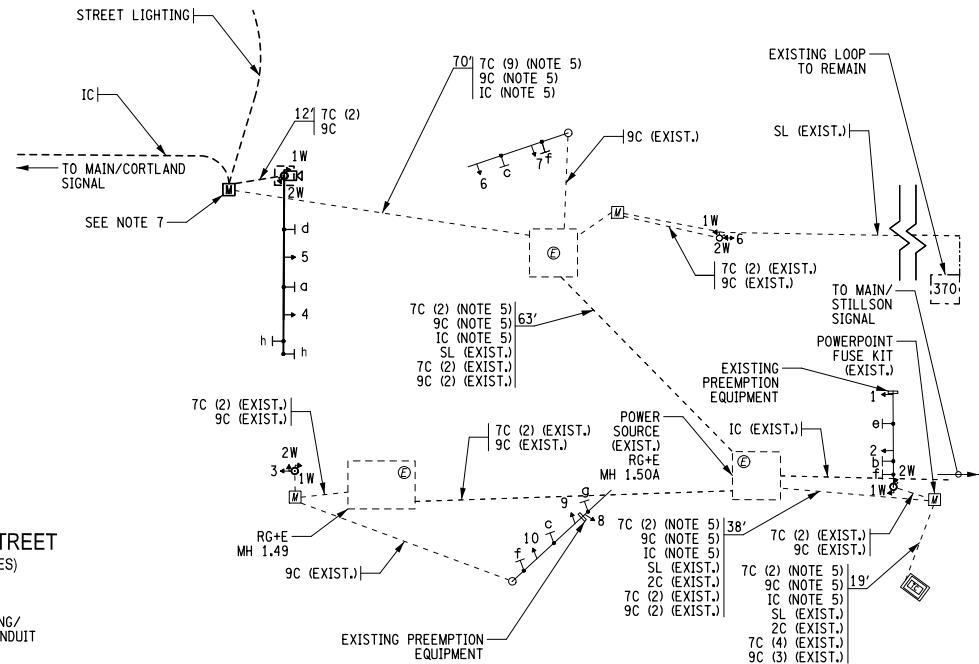
TRAFFIC SIGNAL PLAN

TRAFFIC SIGNAL PLAN NOTES:

- SEE GENERAL TRAFFIC SIGNAL NOTES ON DWG. TSP-11.
- SEE TRAFFIC SIGNAL DETAILS ON DRAWINGS TSD-1 THRU TSD-4.
- (*) - DENOTES QUANTITIES ACCOUNTED FOR IN THE CONDUIT AND PULLBOX TABLES LOCATED IN THE LTT DRAWINGS.
- EXISTING PEDESTRIAN SIGNALS TO BE RELOCATED. COST TO BE INCLUDED IN ITEM 680.77000505 - MODIFY TRAFFIC SIGNAL INSTALLATION.
- SIGNAL CABLE AND FIBER OPTIC TO BE INSTALLED BY OTHERS.
- ALL NECESSARY MODIFICATIONS TO MAINTAIN THE OPERATION OF THE EXISTING TRAFFIC SIGNAL, INCLUDING POWER SUPPLY, PEDESTRIAN SIGNALS, TRAFFIC SIGNAL HEADS, CAMERAS, AND PREEMPTION EQUIPMENT, SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS CONTRACT ITEMS.
- CONNECT EXISTING CONDUITS TO NEW PULL BOX. COST TO BE INCLUDED IN ITEM 680.77000505 - MODIFY TRAFFIC SIGNAL INSTALLATION.



OVERHEAD SIGNS



WIRING DIAGRAM

WIRING LEGEND

SL - 680.71 - SHIELDED LEAD-IN CABLE
 2C - 680.730208 - SERVICE CABLE 2 - CONDUCTOR 8 AWG
 7C - 680.730714 - SIGNAL CABLE 7 - CONDUCTOR 14 AWG
 9C - 680.730914 - SIGNAL CABLE 9 - CONDUCTOR 14 AWG
 IC - 680.9211208 - FIBER OPTIC CABLE - 12 FIBERS
 PE - 680.82540009 - PREEMPTION CABLE

NOTE: SEE INTERCONNECT PLANS FOR COMPLETE WIRING LAYOUT AND ADDITIONAL NOTES.

SENSOR IDENTIFICATION TABLE

LOOP NO.	SIZE	TURNS	WIRED	FUNCTION	NOTES
370	6' x 6'	3	DIRECT	SS	EXISTING

POLE LOCATIONS

STATION	OFFSET	POLE ITEM NO.	MAST ARM ITEM NO.
MS 31+98.78	35.0' LT.	680.820030MO	680.853800MO

PHASING SEQUENCE

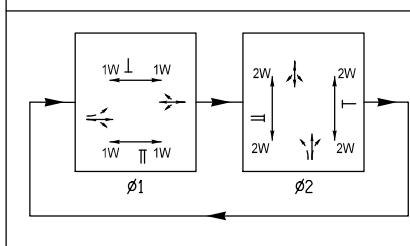


TABLE OF CLEARANCES

TO	FROM	RED	GREEN
RED	RED	RED	YELLOW
RED	GREEN	RED	RED
GREEN	RED	RED	GREEN
GREEN	GREEN	RED	GREEN

TABLE OF OPERATIONS

FACES	FACES										PEDESTRIAN INDICATORS	
	1	2	3	4	5	6	7	8	9	10	1W	2W
Ø1	GREEN	GREEN	GREEN	GREEN	GREEN	GREEN	RED	RED	RED	RED	MAN (*)	HAND
Ø2	RED	RED	RED	RED	RED	RED	GREEN	RED	GREEN	GREEN	HAND	MAN
EMERG. FLASH	FLASH RED	FLASH RED	FLASH RED	FLASH RED	FLASH RED	FLASH RED	FLASH RED	FLASH RED	FLASH RED	FLASH RED	DARK	DARK
SIGNAL HEAD DISPLAY	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED	RED
	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW	YELLOW
	GREEN	GREEN	GREEN	GREEN	GREEN	GREEN	GREEN	GREEN	GREEN	GREEN	GREEN	GREEN

NOTES:

(*) - THIS INDICATION WILL BE A STEADY "MAN" FOLLOWED BY A FLASHING "HAND" CLEARANCE INTERVAL.

SIGNAL HEADS

680.810121MO
 680.810308
 680.810601
 680.810123MO
 680.810308
 680.810601
 680.810125MO
 680.810308
 680.810601

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Client/Project

CITY OF ROCHESTER

MAIN STREET STREETSCAPE AND
 PEDESTRIAN WAYFINDING
 P.I.N. 4755.91 D034908 PC 15323

ROCHESTER, NEW YORK

Title

TRAFFIC SIGNAL PLAN
 MAIN STREET AND EAST AVENUE
 SIGNAL NUMBER 299

Project No.
 192500343

Drawing No.

Scale
 1" = 20'

Sheet

Revision

TSP-9

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FRANKLIN STREET
(R.O.W. 66')

LIBERTY POLE WAY
(R.O.W. XX)

680.79000505



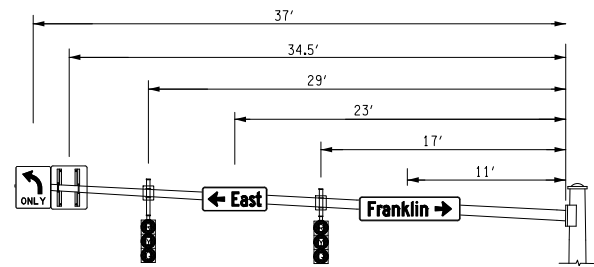
1. ITEM 680.77000505 - MODIFY TRAFFIC SIGNAL INSTALLATION SHALL INCLUDE BUT NOT LIMITED TO: NEW CONDUIT CONNECTIONS TO EXISTING CONDUITS, MODIFICATIONS TO EXISTING PULLBOXES, RELOCATION OF EXISTING SIGNAL HEADS, RELOCATION OF EXISTING PEDESTRIAN SIGNALS, RELOCATION OF EXISTING SIGN PANELS, ALL NECESSARY REWIRING OF EXISTING TRAFFIC SIGNAL AND PREEMPT EQUIPMENT, CAMERAS AND CONTROLLERS.
2. ITEM 680.79000505 - REMOVE TRAFFIC SIGNAL INSTALLATION SHALL INCLUDE BUT NOT LIMITED TO: SIGNAL HEADS, SIGNAL POLES, MOUNTING BRACKETS, PEDESTRIAN SIGNALS, MAST ARMS, LIGHTING ARMS AND FIXTURES, POLE FOUNDATIONS, PULLBOXES, CONDUIT, WIRING AND SIGNS.

EAST MAIN STREET
(R.O.W. VARIES)

EAST MAIN STREET
(R.O.W. VARIES)

REMOVAL DIAGRAM

EAST AVENUE
(R.O.W. 66')



FRANKLIN-MAIN W MAST ARM (38')
NOT TO SCALE

TRAFFIC SIGNAL #299 ESTIMATE OF QUANTITES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
206.03	CONDUIT EXCAVATION AND BACKFILL INCL. RESTORATION	LF	*
619.1613	MAINTAIN TRAFFIC SIGNAL EQUIPMENT (REQUIREMENT C)	INTM	9
680.5001	POLE EXCAVATION AND CONCRETE FOUNDATION	CY	5
680.510301	PULLBOX-CIRCULAR, 24 INCH DIAMETER, REINFORCED CONCRETE	EA	*
680.510401	PULLBOX-CIRCULAR, 30 INCH DIAMETER, REINFORCED CONCRETE	EA	*
680.520106	CONDUIT, METAL STEEL, ZINC COATED, 2"	LF	*
680.520108	CONDUIT, METAL STEEL, ZINC COATED, 3"	LF	*
680.520110	CONDUIT, METAL STEEL, ZINC COATED, 4"	LF	*
680.521610MO	CONDUIT, PVC SCHEDULE 80, 4" DIAMETER	LF	*
680.730714	SIGNAL CABLE 7 CONDUCTORS, 14 AWG	LF	524
680.730914	SIGNAL CABLE 9 CONDUCTORS, 14 AWG	LF	306
680.77000505	MODIFY TRAFFIC SIGNAL EQUIPMENT	ELOC	1
680.79000505	REMOVE TRAFFIC SIGNAL EQUIPMENT	ELOC	1
680.810121MO	LED TRAFFIC SIGNAL MODULE - 12" DIA., RED BALL	EA	2
680.810123MO	LED TRAFFIC SIGNAL MODULE - 12" DIA., YELLOW BALL	EA	2
680.810125MO	LED TRAFFIC SIGNAL MODULE - 12" DIA., GREEN BALL	EA	2
680.810308	INSTALL BALL/ ARROW LED TRAFFIC SIGNAL MODULE	EA	6
680.810601	TRAFFIC SIGNAL SECTION - POLYCARBONATE, TYPE I, 12 INCH	EA	6
680.8111	TRAFFIC SIGNAL BRACKET ASSEMBLY - 1 WAY	EA	2
680.8141	PEDESTRIAN SIGNAL BRACKET MOUNT ASSEMBLY	EA	2
680.820030MO	TRAFFIC SIGNAL POLE MAST ARM COMBINATION ANCHOR BASE (30')	EA	1
680.8205	OVERHEAD SIGN ASSEMBLY, TYPE E	EA	2
680.853800MO	TRAFFIC SIGNAL MAST ARM, 38 FEET ARM LENGTH	EA	1
680.92111208	FIBER OPTIC CABLE - 12 FIBERS	LF	**
689.013000MO	POWDER COAT 30' TRAFFIC SIGNAL POLE	EA	1
689.023800MO	POWDER COATING 38 FEET SIGNAL MAST ARM	EA	1

* QUANTITIES ACCOUNTED FOR IN THE CONDUIT AND PULLBOX TABLES IN THE LTT DRAWINGS

** SEE FIBER OPTIC TABLE ON DWG. INT-1

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Client/Project

CITY OF ROCHESTER

MAIN STREET STREETSCAPE AND
PEDESTRIAN WAYFINDING
P.I.N. 4755.91 D034908 PC 15323

ROCHESTER, NEW YORK

Title

TRAFFIC SIGNAL PLAN
MAIN STREET AND EAST AVENUE
SIGNAL NUMBER 299

Project No.
192500343

Scale
1" = 20'

Drawing No.

Sheet

Revision

TSP-10

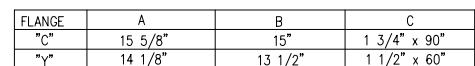
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1. ALL TRAFFIC SIGNAL RELATED WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH MONROE COUNTY DEPARTMENT OF TRANSPORTATION - STANDARD SPECIFICATIONS AND DETAILS, UNLESS OTHERWISE AMENDED IN THE CONTRACT DOCUMENT.
2. THE CONTRACTOR SHALL CONTACT MONROE COUNTY DEPARTMENT OF TRANSPORTATION (ERNE FATTORE AT 753-7772) A MINIMUM OF 2 WEEKS PRIOR TO COMMENCEMENT OF THE TRAFFIC SIGNAL WORK.
3. THE START DATE FOR ITEM 619.1613, MAINTAIN TRAFFIC SIGNAL EQUIPMENT, BY THE CONTRACTOR WILL BE DETERMINED BY THE PROJECT MANAGER AND THE MONROE COUNTY DEPARTMENT OF TRANSPORTATION.
4. THE CONTRACTOR SHALL COORDINATE WITH THE MONROE COUNTY DEPARTMENT OF TRANSPORTATION TO ESTABLISH PHASING AND TIMING OF THE TRAFFIC SIGNALS.
5. THE CONTRACTOR SHALL COORDINATE THE TRAFFIC SIGNAL POWER POINT LOCATIONS WITH ROCHESTER GAS & ELECTRIC AND MONROE COUNTY DEPARTMENT OF TRANSPORTATION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT OF ALL ROCHESTER GAS & ELECTRIC FEES ASSOCIATED WITH TRAFFIC SIGNAL WORK INCLUDING, BUT NOT LIMITED TO, POWER PLANTS, PULLBOX BREAK-INS, AND METER INSTALLATIONS.
7. MONROE COUNTY DEPARTMENT OF TRANSPORTATION WILL SPOT ALL TRAFFIC SIGNAL POLES, SIGNAL HEAD AND OVERHEAD SIGN LOCATIONS.
8. THE ELEVATIONS OF POLE BASES SHALL BE IN ACCORDANCE WITH MONROE COUNTY STANDARD SHEETS.
9. THE CONTRACTOR SHALL PROVIDE A FUSE KIT AT THE PULLBOX NEAREST TO THE CONTROLLER CABINET, THE COST TO BE INCLUDED IN THE VARIOUS TRAFFIC SIGNAL ITEMS.
10. THE CONTRACTOR SHALL RESTORE EXISTING DRIVEWAY AND SIDEWALK AREAS WITH TEMPORARY PAVEMENT.
11. ALL OVERHEAD SIGNS SHALL BE FABRICATED USING ASTM TYPE IX SHEETING.
12. EXISTING FIBER OPTIC INTERCONNECT CABLE SHALL BE PRESERVED WHERE SHOWN ON THE WIRING DIAGRAMS. SEE INTERCONNECT PLANS FOR ADDITIONAL INFORMATION.
13. FIBER OPTIC CABLE SHALL BE INSTALLED WITH 5' OF SLACK PER PULLBOX AND 50' OF SLACK PER CONTROLLER CABINET.
14. ALL FIBER SPLICES SHALL BE PERFORMED BY MCDOT. THE CONTRACTOR SHALL CONTACT MONROE COUNTY DEPARTMENT OF TRANSPORTATION (ERNE FATTORE AT 753-7772) TO COORDINATE FIBER SPLICING. NO ADDITIONAL PAYMENT WILL BE MADE FOR ANY DELAYS ASSOCIATED WITH SPLICING OPERATIONS.
15. ALL EXISTING FIRE PREEMPTION EQUIPMENT SHALL BE MAINTAINED AND/OR RELOCATED AS REQUIRED. THIS WORK SHALL BE INCLUDED UNDER ITEM 680.77000X05, AND SHALL INCLUDE ANY NECESSARY WIRING AND MOUNTING BRACKETS.
16. THE CONTRACTOR SHALL COORDINATE WITH THE ROCHESTER POLICE DEPARTMENT FOR THE RELOCATION OF EXISTING POLICE CAMERAS. THE ROCHESTER POLICE DEPARTMENT SHALL REMOVE THE EXISTING POLICE CAMERA FROM THE EXISTING TRAFFIC SIGNAL POLE AND REINSTALL ON THE NEW TRAFFIC SIGNAL POLE AS INDICATED IN THE CONTRACT DRAWINGS.
17. STREET NAME TRAFFIC SIGNS SHALL BE MOUNTED TO THE TRAFFIC SIGNAL MAST ARM USING A BRACKET TYPE MOUNT AS SHOWN. THE COST OF THE BRACKET MOUNT IS TO BE INCLUDED IN THE PRICE BID FOR THE SIGN.
18. THE CONTRACTOR SHALL MAINTAIN, IN PROPER OPERATION, EXISTING AND NEWLY INSTALLED TRAFFIC SIGNAL EQUIPMENT. THIS SHALL BE MADE UNDER ITEM 680.1813 - MAINTAIN TRAFFIC SIGNAL EQUIPMENT. WORK TO BE PERFORMED UNDER, BUT IS NOT LIMITED TO, INSTALLATION AND CONNECTION OF TEMPORARY OVERHEAD SIGNAL CABLES, AS NEEDED, TO MAINTAIN CONTINUOUS TRAFFIC OPERATION WHILE UNDERGROUND CONDUIT LINES ARE OUT OF SERVICE; AND COVERING, ADJUSTMENT, RELOCATION AND REPAIR OF TRAFFIC SIGNAL HEADS (AND PEDESTRIAN HEADS) AS REQUIRED FOR EACH PHASE OF TRAFFIC SIGNAL OPERATIONS.
19. ALL SIGNAL POLES, PEDESTRIAN POLES AND MAST ARMS ARE TO BE FURNISHED WITH A BLACK FACTORY APPLIED POWDER COAT. THE CONTRACTOR SHALL PROVIDE A SAMPLE OF THE FINISH COLOR TO THE PROJECT MANAGER PRIOR TO ORDERING THE POLES AND MAST ARMS. PAYMENT SHALL BE MADE UNDER THE APPROPRIATE POWDER COATING ITEMS.
20. ALL COMBINATION MAST ARM TRAFFIC SIGNAL POLES, ITEM 680.820030M0 WILL REQUIRE A STREET LIGHTING ARM, TO BE INSTALLED AS SHOWN ON THE PLANS AND DETAILS. SEE THE TRAFFIC SIGNAL DETAILS, LIGHTING DETAILS AND LIGHTING PLANS FOR FURTHER INFORMATION.
21. ALL EXISTING SIGNAL EQUIPMENT TO BE REMOVED SHALL BE RETURNED TO THE MONROE COUNTY DEPARTMENT OF TRANSPORTATION. THE CONTRACTOR TO COORDINATE WITH ERNE FATTORE AT 753-7772 TO DETERMINE THE DISPOSITION OF ALL REMOVED SIGNAL EQUIPMENT. A MINIMUM OF 2 WEEKS PRIOR TO COMMENCEMENT OF THE TRAFFIC SIGNAL WORK.

[illegible]

ITEM NO. 680.54	INDUCTANCE LOOP INSTALLATION	LINEAR FEET
ITEM NO. 680.71	SHIELDED LEAD-IN CABLE	LINEAR FEET
ITEM NO. 680.72	INDUCTANCE LOOP WIRE	LINEAR FEET



1. CONDUIT SHALL BE 4" STEEL WITH POLE USED FOR CABINET INSTALLATION.
2. FOR ADDITIONAL DETAILS, REFER TO SIGNAL POLE INSTALLATION DETAIL.

[illegible]

2" PIPE

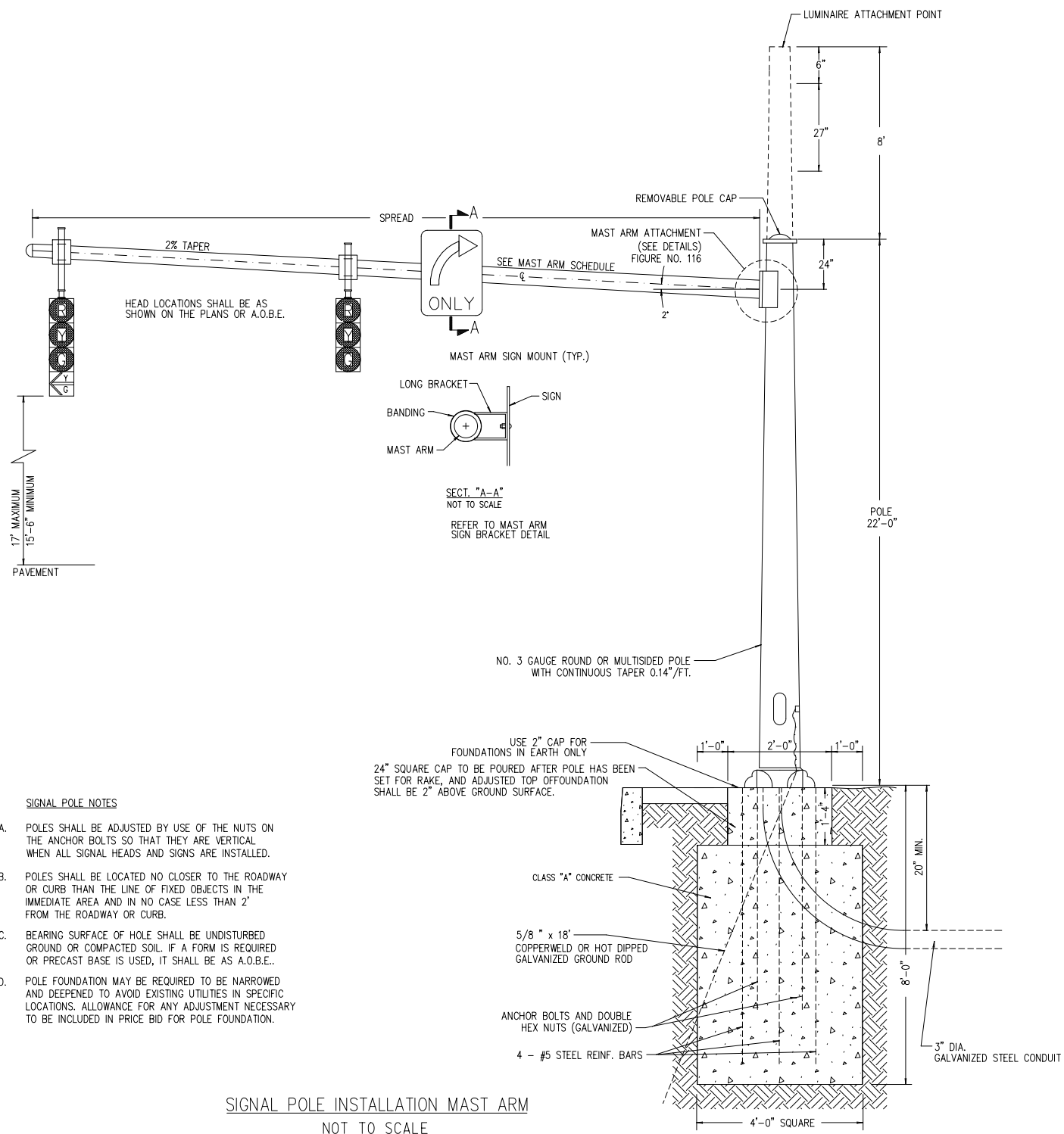
8" BOLT CIRCLE

12"

2'-0"

12"

MAST ARM SCHEDULE			
L	ARM	RESISTING MOMENT	FLANGE
10'	11E 6.0" x 4.60" x 10'-0"	12700 LB-FT	"Y" & "C"
12'	11E 6.0" x 4.32" x 12'-0"	12700 LB-FT	"Y" & "C"
14'	11E 6.0" x 4.04" x 14'-0"	12700 LB-FT	"Y" & "C"
16'	11E 6.0" x 3.76" x 16'-0"	12700 LB-FT	"Y" & "C"
18'	11E 6.0" x 4.48" x 18'-0"	12700 LB-FT	"Y" & "C"
20'	11E 6.0" x 3.20" x 20'-0"	12700 LB-FT	"Y" & "C"
22'	11E 7.0" x 3.92" x 22'-0"	17400 LB-FT	"Y" & "C"
24'	11E 7.0" x 3.64" x 24'-0"	17400 LB-FT	"Y" & "C"
26'	11E 7.0" x 3.36" x 26'-0"	17400 LB-FT	"Y" & "C"
28'	7E 8.0" x 4.06" x 28'-0"	33700 LB-FT	"C"
30'	7E 8.0" x 3.80" x 30'-0"	33700 LB-FT	"C"
32'	7E 8.0" x 3.52" x 32'-0"	33700 LB-FT	"C"
34'	7E 8.0" x 3.24" x 34'-0"	33700 LB-FT	"C"
36'	7E 8.25" x 3.24" x 36'-0"	33700 LB-FT	"C"
38'	7E 8.25" x 3.24" x 36'-0" + 11EB - 3.09" x 2.53" x 2'-0"	33700 LB-FT	"C"
40'	7E 8.25" x 3.24" x 36'-0" + 11EB - 3.09" x 2.53" x 4'-0"	33700 LB-FT	"C"
42'	7E 8.25" x 3.24" x 36'-0" + 11EB - 3.09" x 2.53" x 6'-0"	33700 LB-FT	"C"



- A. POLES SHALL BE ADJUSTED BY USE OF THE NUTS ON THE ANCHOR BOLTS SO THAT THEY ARE VERTICAL WHEN ALL SIGNAL HEADS AND SIGNS ARE INSTALLED.
- B. POLES SHALL BE LOCATED NO CLOSER TO THE ROADWAY OR CURB THAN THE LINE OF FIXED OBJECTS IN THE IMMEDIATE AREA AND IN NO CASE LESS THAN 2' FROM THE ROADWAY OR CURB.
- C. BEARING SURFACE OF HOLE SHALL BE UNDISTURBED GROUND OR COMPACTED SOIL. IF A FORM IS REQUIRED OR PRECAST BASE IS USED, IT SHALL BE AS A.O.B.E..
- D. POLE FOUNDATION MAY BE REQUIRED TO BE NARROWED AND DEEPENED TO AVOID EXISTING UTILITIES IN SPECIFIC LOCATIONS. ALLOWANCE FOR ANY ADJUSTMENT NECESSARY TO BE INCLUDED IN PRICE BID FOR POLE FOUNDATION.

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Client/Project

CITY OF ROCHESTER

MAIN STREET STREETSCAPE AND
PEDESTRIAN WAYFINDING
P.I.N. 4755.91 D034908 PC 15323

ROCHESTER, NEW YORK

File Name: TSD-01.DGN

EST

IVM

16.12.05

Title

TRAFFIC SIGNAL DETAILS

Project No.
192500343

Drawing No.

TSD-1

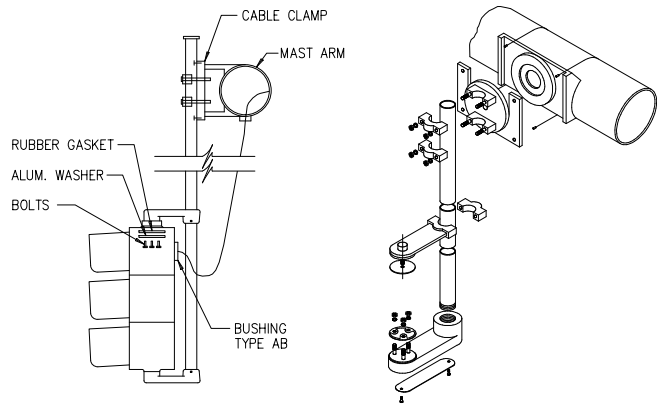
Scale
N.T.S.

Sheet

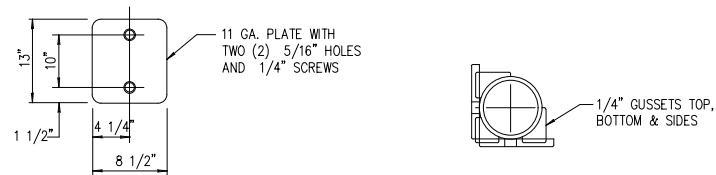
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Revision

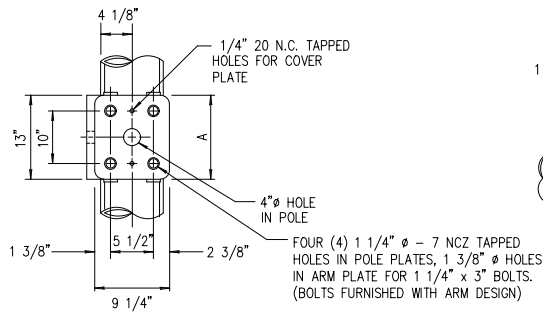
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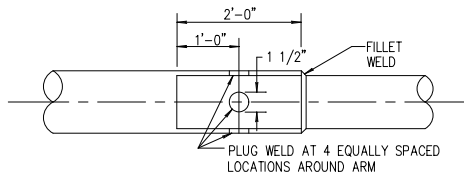
RIGID SIGNAL HEAD MOUNTING
NOT TO SCALE



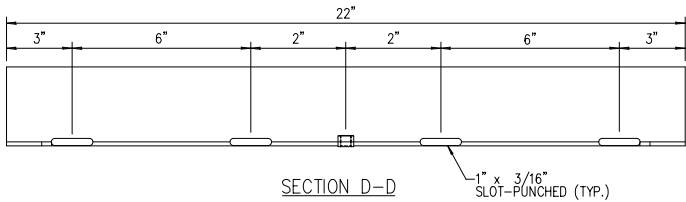
TWO SCREWS & ONE COVER
PLATE WITH EACH POLE
NOT TO SCALE



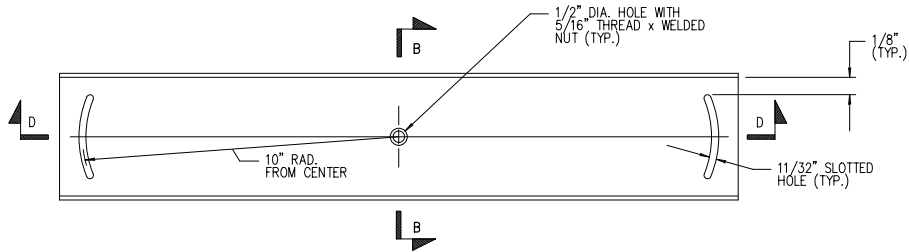
MAST ARM ATTACHMENT
NOT TO SCALE



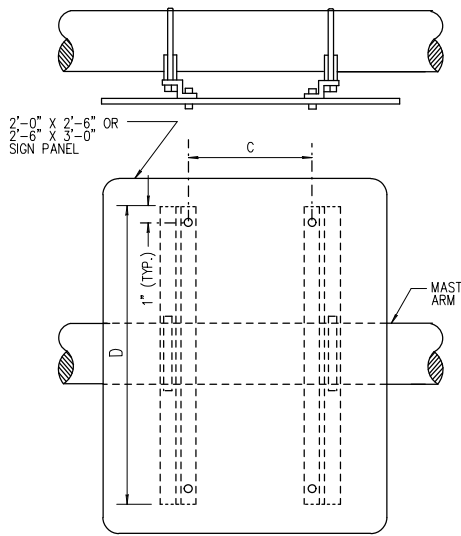
MAST ARM EXTENSION
NOT TO SCALE



- NOTES:
1. BRACKET TO BE BANNED TO THE MAST ARM WITH STAINLESS STEEL BANDING MATERIAL. (3/4" WIDE x .015" THICK)
 2. BOTH BRACKETS 12 GAUGE GALVANIZED STEEL
 3. LONG BRACKET FOR LARGE SIGN (USE 4 BANDS PER BRACKET)
 4. MOUNTING BRACKETS TO BE INCLUDED IN THE PRICE BID FOR OVERHEAD STREET NAME SIGNS.



MAST ARM SIGN BRACKET-LONG
NOT TO SCALE

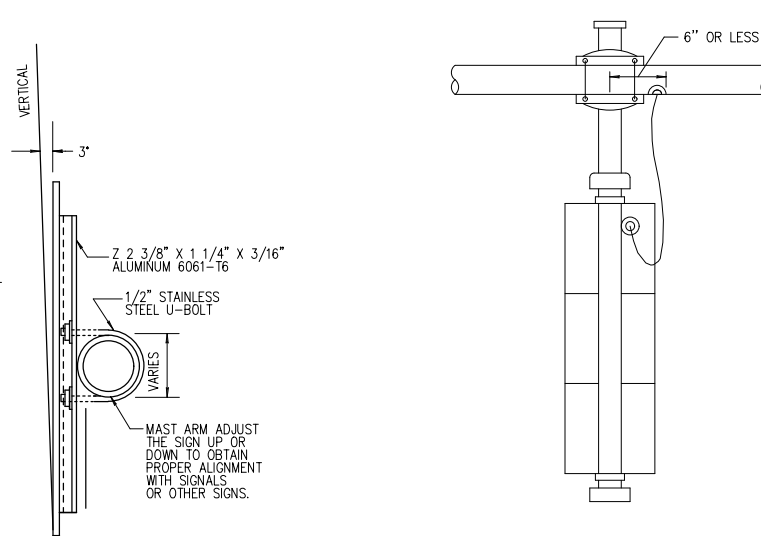


MOUNT TYPE E		
PANEL SIZE	SPACING C	LENGTH D
2'-0" X 2'-6"	1'-6"	2'-0"
2'-6" X 3'-0"	2'-0"	2'-6"

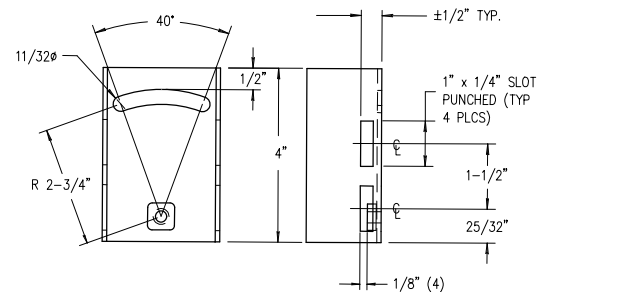
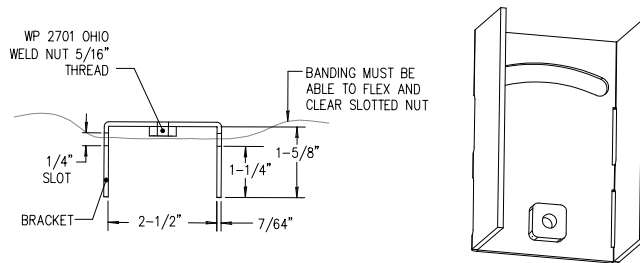
NOTES:

1. BURR THE THREADS ON ALL OVERHEAD BOLTS AFTER TIGHTENING TO PREVENT LOOSING.
2. ANY DAMAGE TO GALVANIZED SURFACES RESULTING FROM INSTALLATION SHALL BE FIELD GALVANIZED AS PER 719-01.
3. SIGN PANEL DIMENSIONS 2% LARGER THAN SHOWN WILL ALSO BE ACCEPTABLE.

MAST ARM SIGN MOUNT -TYPE E
NOT TO SCALE



RIGID SIGNAL HEAD MOUNTING - REAR VIEW
NOT TO SCALE



- NOTES:
1. BRACKET TO BE BANNED TO THE MAST ARM WITH STAINLESS STEEL BANDING MATERIAL. (3/4" WIDE x .020 GAUGE)
 2. BRACKETS SHALL BE 12 GAUGE GALVANIZED STEEL
 3. SHORT BRACKET FOR STREET NAME SIGNS (USE 2 BANDS PER BRACKET)

MAST ARM SIGN BRACKET - SHORT
NOT TO SCALE

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Issued	By	Appd.	YY.MM.DD

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Client/Project

CITY OF ROCHESTER

MAIN STREET STREETSCAPE AND
PEDESTRIAN WAYFINDING
P.I.N. 4755.91 D034908 PC 15323

ROCHESTER, NEW YORK

File Name: TSD-02.DGN

EST

Dwn.

SWM

Chkd.

JQH

Dsgn.

16.12.05

YY.MM.DD

Title

TRAFFIC SIGNAL DETAILS

Project No.

192500343

Scale

N.T.S.

Drawing No.

TSD-2

Sheet

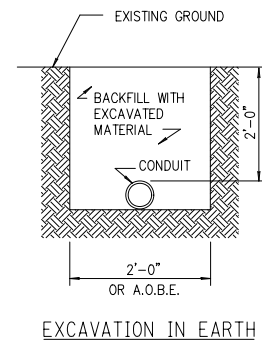
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Revision

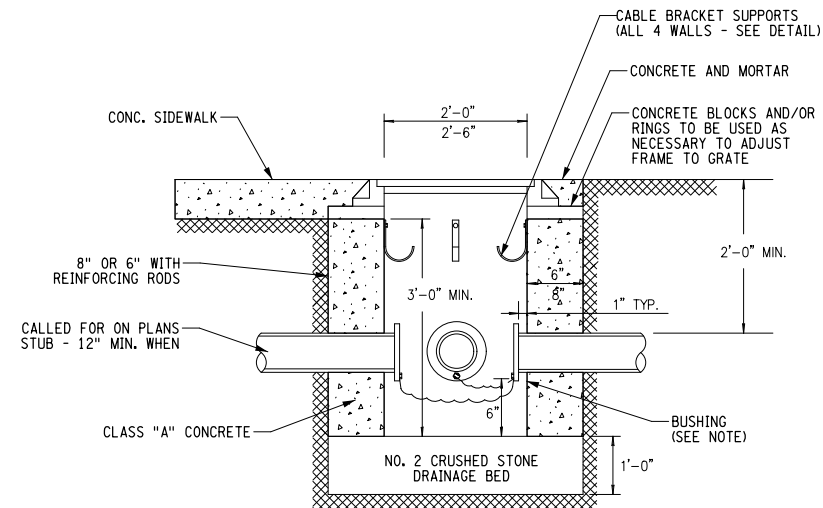
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- | | |
|-----|--|
| 1. | DETAILS SHOWN ARE TYPICAL ONLY AND NOT INTENDED TO INDICATE THE PRODUCTS OF ANY SPECIFIC MANUFACTURER. |
| 2. | SIGNAL HEAD ARRANGEMENTS ARE SHOWN FOR EXAMPLE ONLY. NUMBER OF DIRECTIONS THE HEAD FACES, NUMBER OF SECTIONS, SIZE OF FACES, SIGNAL INDICATIONS AND ARRANGEMENT OF FACES WILL BE SPECIFIED ON THE PLANS. |
| 3. | SIGNAL HEADS ARE TO BE NORMALLY FURNISHED WITH A CONVENTIONAL WIRE OUTLET BODY DISCONNECT HANGERS, IF REQUIRED WILL BE SPECIFIED ON THE PLANS. |
| 4. | ELBOWS, PIPE CROSSES, WIRE OUTLET AND OTHER FITTINGS SHALL BE EQUIPPED WITH SET SCREWS. |
| 5. | UNUSED HOLES SHALL BE CAPPED. |
| 6. | SIGNAL HEADS SHALL BE ASSEMBLED TO BALANCE AND HANG VERTICALLY. |
| 7. | THREADS ON FITTINGS ARE NATIONAL PIPE STRAIGHT THREADS. |
| 8. | STANDARD OPEN VISORS SHALL BE INSTALLED UNLESS SPECIFIED OTHERWISE ON THE PLANS. |
| 9. | THE CONTRACTOR IS CAUTIONED THAT THE LOCATIONS OF UTILITIES SHOWN ON THE CONTRACT PLANS ARE NOT GUARANTEED, NOR IS THERE ANY GUARANTEE THAT ALL SUCH LINES WITHIN THE CONTRACT LIMITS HAVE BEEN SHOWN ON THE PLANS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO SATISFY HIMSELF AS TO THE EXACT CONDITIONS, AND AT THEIR OWN EXPENSE, TO PROTECT AND SUPPORT ALL UTILITIES ENCOUNTERED IN HIS EXCAVATING AND TRENCHING OPERATIONS. |
| 10. | THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THESE LINES CAUSED BY HIS OPERATIONS AND IF NATURE OF THE DAMAGE IS SUCH AS TO ENDANGER THE SATISFACTORY OPERATIONS OF THESE UTILITIES AND NECESSARY REPAIRS ARE NOT IMMEDIATELY MADE BY THE CONTRACTOR, THE WORK MAY BE PERFORMED BY THE RESPECTIVE OWNING COMPANIES AND THE COST THEREOF CHARGED TO THE CONTRACTOR. |

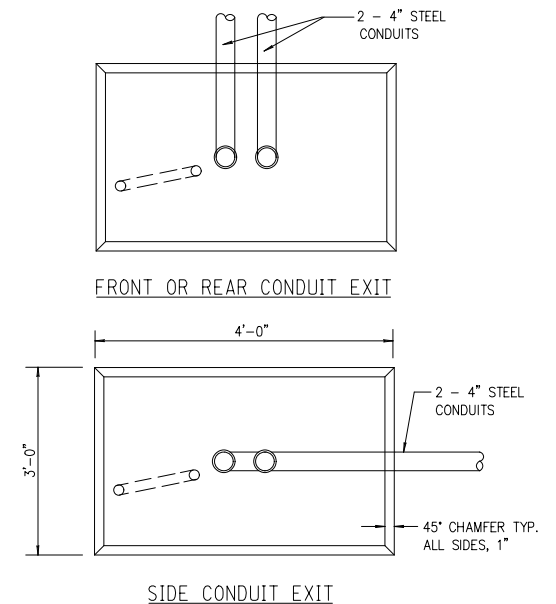
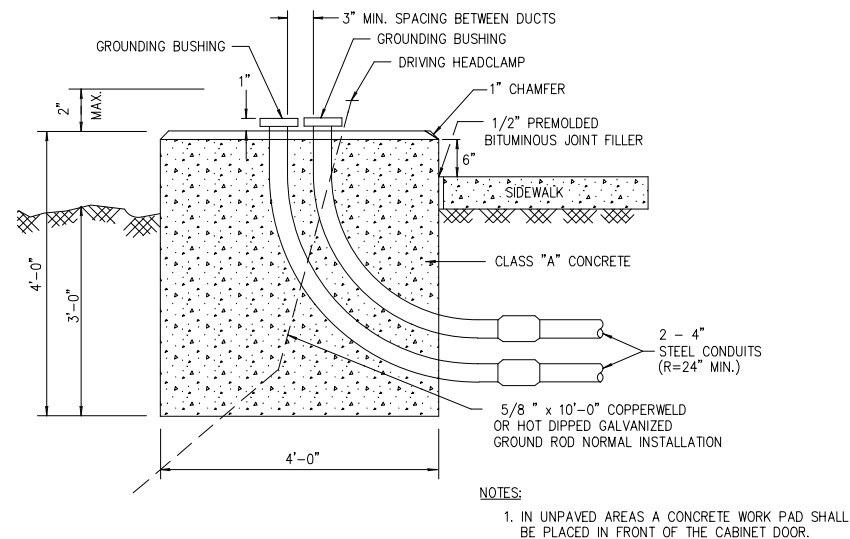
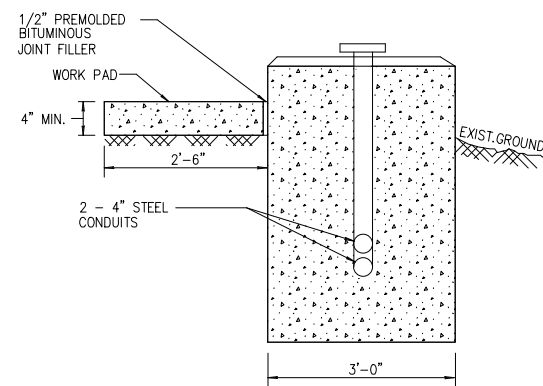
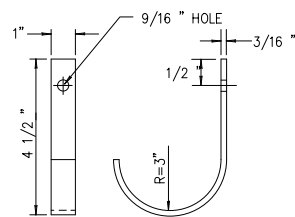
TRAFFIC SIGNAL NOTES



TRAFFIC CONDUIT INSTALLATION
NOT TO SCALE



NOTE:
THE INSULATED BUSHING SHALL BE METAL AND HAVE A GROUND LUG FOR #6 COPPER WIRE. ALL CONDUITS SHALL BE WIRED/GROUNDED TOGETHER WITH THE BARE #6 COPPER WIRE.



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MAIN STREET STREETSCAPE AND
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P.I.N. 4755.91 D034908 PC 15323

ROCHESTER, NEW YORK

File Name: TSD-04.DGN

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SW

Chk

JQH

Dsqn

16.12.05
YY.MM.DD

Title

TRAFFIC SIGNAL DETAILS

Project No.
192500343

Scale
N.T.S.

Drawing No.

Sheet

Revision

TSD-4

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INTERCONNECT LEGEND	
	PROPOSED CONDUIT
	EXISTING CONDUIT
	EXISTING CONTROLLER CABINET
	PROPOSED CONTROLLER CABINET (SPLICE LOCATION)
	EXISTING PULLBOX
	EXISTING RGE MANHOLE
	PROPOSED PULLBOX
	EXISTING CABLE IN EXISTING CONDUIT
	EXISTING CABLE TO BE REMOVED FROM CONDUIT
	PROPOSED CABLE IN EXISTING CONDUIT (SEE NOTE 3)
	PROPOSED CABLE IN PROPOSED CONDUIT

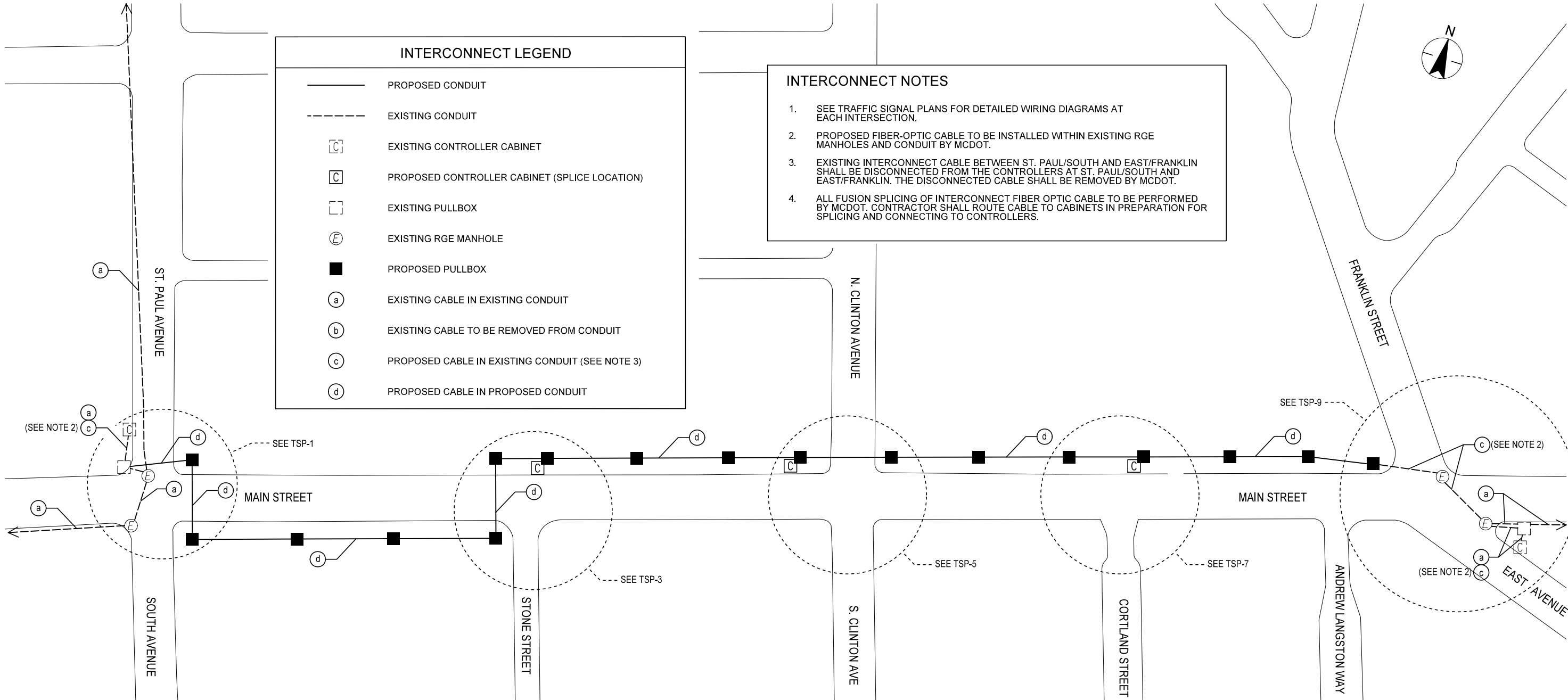
- INTERCONNECT NOTES
1.

SEE TRAFFIC SIGNAL PLANS FOR DETAILED WIRING DIAGRAMS AT EACH INTERSECTION.
2.

PROPOSED FIBER-OPTIC CABLE TO BE INSTALLED WITHIN EXISTING RGE MANHOLES AND CONDUIT BY MCDOT.
3.

EXISTING INTERCONNECT CABLE BETWEEN ST. PAUL/SOUTH AND EAST/FRANKLIN SHALL BE DISCONNECTED FROM THE CONTROLLERS AT ST. PAUL/SOUTH AND EAST/FRANKLIN. THE DISCONNECTED CABLE SHALL BE REMOVED BY MCDOT.
4.

ALL FUSION SPLICING OF INTERCONNECT FIBER OPTIC CABLE TO BE PERFORMED BY MCDOT. CONTRACTOR SHALL ROUTE CABLE TO CABINETS IN PREPARATION FOR SPLICING AND CONNECTING TO CONTROLLERS.



INTERCONNECT TABLE						
INTERSECTION TO INTERSECTION		TYPE	LENGTH OF RUN (LF)	ASSUMED PULLBOXES (EA)	ITEM 680.92111208 (LF)	ITEM 683.99050004 (EA)
CONTROLLER AT MAIN/ST. PAUL/SOUTH	CONTROLLER AT MAIN/STONE	PROPOSED	616	8	706	1
CONTROLLER AT MAIN/STONE	CONTROLLER AT MAIN/CLINTON	PROPOSED	261	4	331	1
CONTROLLER AT MAIN/CLINTON	CONTROLLER AT MAIN/CORTLAND	PROPOSED	350	4	420	1
CONTROLLER AT MAIN/CORTLAND	CONTROLLER AT MAIN/EAST	PROPOSED	430	5	520	-

PAYMENT WILL BE MADE UNDER:

ITEM NO. 680.92111208	FIBER-OPTIC CABLE - 12 FIBERS	LINEAR FOOT
ITEM 683.99050004	FIELD HARDENED ETHERNET SWITCHES	EACH

INTERCONNECT PLAN

Design File: I:\192500343\Transportation\Design\Drawings\Plan Set\INT-INT-01.dgn
Date/Time: 11/29/2016 4:32:54 PM
Plotted By: kstefner

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Client/Project
CITY OF ROCHESTER

MAIN STREET STREETScape AND
PEDESTRIAN WAYFINDING
P.I.N. 4755.91 D034908 PC 15323

ROCHESTER, NEW YORK

File Name: INT-01.DGN	EST Dwn.	KRS Chkd.	JQH Dsgn.	16.12.05 YY.MM.DD
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Title
FIBER OPTIC INTERCONNECT PLAN
TRAFFIC SIGNAL INTERCONNECT

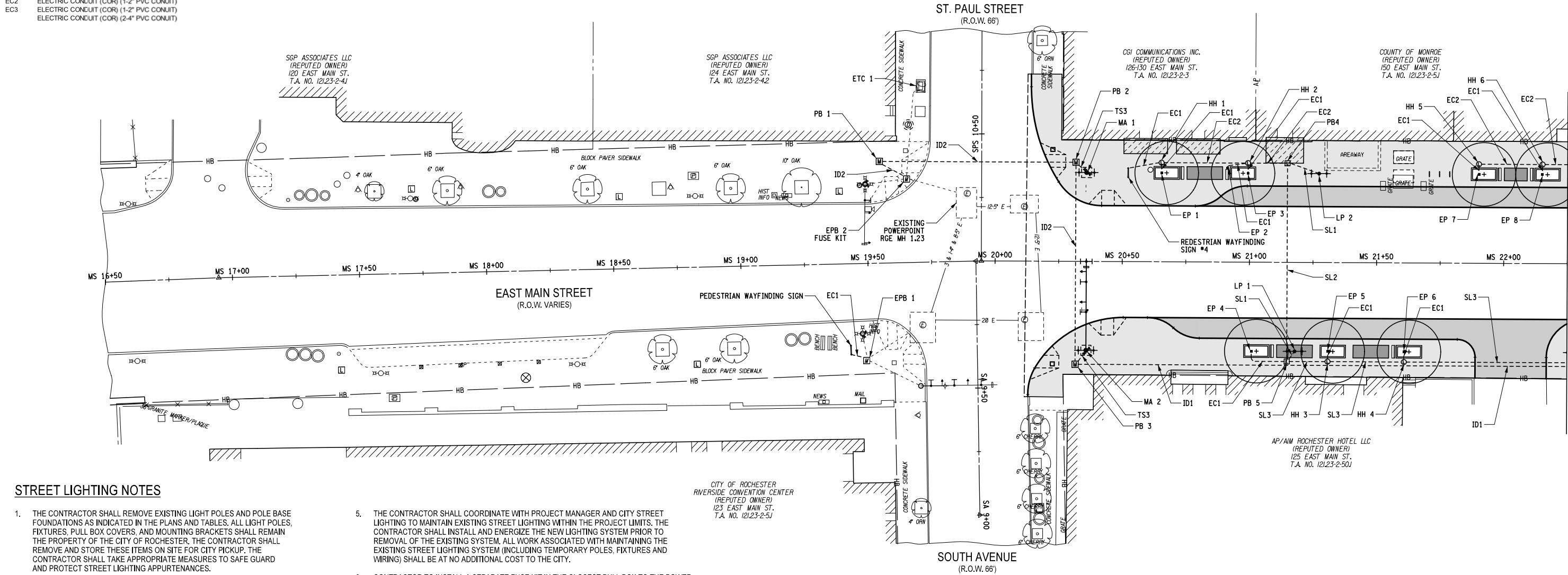
Project No. 192500343	Scale 1" = 100'	
Drawing No.	Sheet	Revision
INT-1	79 of 127	0

CONDUIT LEGEND:

- SL1 STREET LIGHTING CONDUIT (1-2" PVC CONDUIT)
SL2 STREET LIGHTING CONDUIT (1-2" PVC CONDUIT)
SL3 STREET LIGHTING CONDUIT (1-2" PVC CONDUIT)
SL4 STREET LIGHTING CONDUIT (1-2" PVC CONDUIT)
ID1 MCDOT TRAFFIC SIGNAL CONDUIT (1-4" PVC CONDUIT)
ID2 CITY OF ROCHESTER CONDUIT (1-4" PVC)
PP1 STREET LIGHTING CONDUIT (1-2" PVC CONDUIT)
PP2 MCDOT TRAFFIC SIGNAL CONDUIT (1-2" GALV. CONDUIT)
PP3 ELECTRIC CONDUIT (COR) (1-2" PVC CONDUIT)
TS1 MCDOT TRAFFIC SIGNAL CONDUITS (2-4" GALV. CONDUITS)
TS2 MCDOT TRAFFIC SIGNAL CONDUIT (1-2" GALV. CONDUIT)
TS3 MCDOT TRAFFIC SIGNAL CONDUITS (2-3" GALV. CONDUITS)
TS4 STREET LIGHTING CONDUIT (1-2" PVC CONDUIT)
EC1 ELECTRIC CONDUIT (COR) (1-1" PVC CONDUIT)
EC2 ELECTRIC CONDUIT (COR) (1-2" PVC CONDUIT)
EC3 ELECTRIC CONDUIT (COR) (1-2" PVC CONDUIT)
EC4 ELECTRIC CONDUIT (COR) (2-4" PVC CONDUIT)

STREET LIGHTING LEGEND:

- LP STREET LIGHTING POLE
MA TRAFFIC SIGNAL POLE LIGHTING ARM
BL BOLLARD LIGHT
PB CONCRETE PULL BOX
EPB EXISTING PULLBOX TO REMAIN
HH STREET LIGHTING / ELECTRIC HAND HOLE
TC TRAFFIC CONTROLLER
ETC EXISTING TRAFFIC CNONTROLLER TO REMAIN
EP ELECTRIC PEDESTAL
PC ELECTRIC POWER CABINET



STREET LIGHTING NOTES

- THE CONTRACTOR SHALL REMOVE EXISTING LIGHT POLES AND POLE BASE FOUNDATIONS AS INDICATED IN THE PLANS AND TABLES. ALL LIGHT POLES, FIXTURES, PULL BOX COVERS, AND MOUNTING BRACKETS SHALL REMAIN THE PROPERTY OF THE CITY OF ROCHESTER. THE CONTRACTOR SHALL REMOVE AND STORE THESE ITEMS ON SITE FOR CITY PICKUP. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO SAFE GUARD AND PROTECT STREET LIGHTING APPURTENANCES.
- THE CONTRACTOR WILL BE REQUIRED TO COORDINATE ALL WORK PERTAINING TO STREET LIGHTING WITH THE CITY OF ROCHESTER STREET LIGHTING DIVISION AND ROCHESTER GAS AND ELECTRIC (RGE).
- ALL CONDUIT CONNECTIONS TO RGE MANHOLES AND HANDHOLES ARE TO BE MADE BY RGE. THE CONTRACTOR IS TO WORK WITHIN 3 FEET OF THE STRUCTURE. RGE WILL THEN MAKE THE CONNECTION WHEN SEVERAL ARE READY - NOT ONE AT A TIME.
- THE COST OF ALL CONDUIT WITHIN LIGHT POLE BASES SHALL BE INCLUDED IN THE UNIT PRICE BID FOR POLE BASE FOUNDATIONS.
- THE CONTRACTOR SHALL COORDINATE WITH PROJECT MANAGER AND CITY STREET LIGHTING TO MAINTAIN EXISTING STREET LIGHTING WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL INSTALL AND ENERGIZE THE NEW LIGHTING SYSTEM PRIOR TO REMOVAL OF THE EXISTING SYSTEM. ALL WORK ASSOCIATED WITH MAINTAINING THE EXISTING STREET LIGHTING SYSTEM (INCLUDING TEMPORARY POLES, FIXTURES AND WIRING) SHALL BE AT NO ADDITIONAL COST TO THE CITY.
- CONTRACTOR TO INSTALL A SEPARATE FUSE KIT IN THE CLOSEST PULL BOX TO THE POWER POINTS FOR BOTH THE ELECTRIAL SYSTEM AND STREET LIGHTING. SYSTEM. COST TO BE INCLUDED IN THE VARIOUS CONTRACT ITEMS.
- STREET LIGHTING WIRING SHALL CONSIST OF A SOLID GREEN, WHITE, BLACK AND RED CASING FOR THE ENTIRE LENGTH OF THE CONDUCTOR.
- WHEN EXISTING REGULATORY WARNING OR PARKING SIGNS EXIST ON EXISTING STREET LIGHT POLES THAT ARE TO BE REMOVED, RELOCATED OR REPLACED, THE CONTRACTOR MUST MAINTAIN THE EXISTING SIGNS IN PLACE (OR ON TEMPORARY POSTS OR STANDS) UNTIL THEY HAVE BEEN REINSTALLED PERMANENTLY. COST TO BE INCLUDED IN THE VARIOUS CONTRACT PAY ITEMS.

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MAIN STREET STREETScape AND
PEDESTRIAN WAYFINDING
P.I.N. 4755.91 D034908 PC 15323

ROCHESTER, NEW YORK

Title

STREET LIGHTING PLAN
MAIN STREET

Project No.
192500343

Drawing No.

Scale
1" = 20'

Sheet

Revision

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